

The logo for Transformation features a stylized, multi-colored swoosh that arches over the word "TRANSFORMATION". The swoosh starts in green on the left, transitions through yellow and orange, and ends in red on the right. The word "TRANSFORMATION" is written in a black, serif, all-caps font.

TRANSFORMATION

Practitioner's Product Guide

For Health Professional Use Only

(800) 777-1474 TransformationEnzymes.com



Transformation Enzyme Corp.
2900 Wilcrest Dr., Suite 220
Houston, Texas 77042
phone: 713-266-2117
fax: 713-952-8117
moreinfo@tecenzymes.com

Dear Health Care Professional,

Thank you for your interest in Transformation Enzyme Corporation (TEC) products and formulas. If you are receiving this manual, it is clear to us that you are serious about enzyme nutrition and committed to helping your patients get well. The Practitioner's Guide is a culmination of our clinical experience, and it is our goal to share that knowledge with you.

There is a lot of information here and you will probably want to read it more than once. However this practitioner's product guide is also intended to be a quick reference for you and your staff when looking up specific information on each product. It is based on the most frequently asked questions received by our technical staff and divided into categories according to clinical application. The guide will highlight each product's key ingredients, clinical applications, dosing information, and other special notes.

It is important to keep in mind that every patient's circumstances are individual. You are the practitioner and we encourage you to use your education and experience to develop your own enzyme protocols using the information provided in this guide. We welcome your success stories and look forward to growing our knowledge base with you.

Sincerely,

Lisa Helffrich

Lisa Helffrich, RD
Director of Technical Services
Transformation Enzyme Corporation

August 2013

***These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.**

Table of Contents

Products by Category



Digestive 5

TPP Carbo-G	7
TPP Digest	8
DigestZyme	9
LypoZyme	10
Powdered DigestZyme	11
Kidz Digest Powder	12
Kidz Digest Chewable.....	13

Proteolytic..... 15

TPP Protease.....	17
TPP Protease 375K.....	18
PureZyme.....	19

Probiotics..... 21

TPP Probiotic 42.5	23
TPP Probiotic.....	24
Plantadophilus	25
TPP Probiotic Plus.....	26
Kidz Probiotic Powder.....	27

Digestive Discomfort..... 29

TPP Gastro	31
GastroZyme	32
TPP Intestinal Support	33
ReleaseZyme.....	34

Inflammation Control 35

TPP Protease IFC.....	37
RepairZyme.....	38
TPP Essential Fatty Acids	39

Immune Support..... 41

TPP Immune AV	43
TPP Protease IM	44
Vitamin C Complex.....	45

Cell Nutrition 47

TPP Mineral Complex.....	49
N.E.E.D.....	50
Super CellZyme.....	51

Detoxification 53

TPP Heavy Metal Defense	55
TPP Liver Support.....	56
H-Drain.....	57
K-Drain.....	58
L-Drain.....	59

Endocrine Support 61

TPP Adrenal Complex.....	63
MasterZyme	64
TPP Thyroid Complex	65

Energy Balance 67

CalmZyme	69
ExcellZyme	70

Weight Control 71

BalanceZyme Plus	73
TPP Lypo.....	74

Alphabetical Index	75
--------------------------	----

Foundation Formulas

The first three sections of the Reference Guide will cover “the basics” of enzyme supplementation and include our Foundation Formulas – the digestive, proteolytic, and probiotic products. We believe this simple enzyme protocol, along with a balanced diet and lifestyle, truly is the foundation for achieving health and living well. This is where you will start with 95% of all your patients.

The Bottom Line – Enhanced digestion, circulation and detoxification, and a healthy gut environment collectively provide more efficient nourishment of the cells. This allows the body to work *smarter, not harder*, resulting in more energy, less stress on our systems and organs, and overall wellness – give the body the nutrients it needs, clear away the waste, and allow your body to manage its resources!

The following table shows the synergism of our basic protocol to support the body nutritionally, promote a strong immune system, reduce inflammation, eliminate toxins, and therefore reduce the risk of chronic disease.

	Digestive Formulas	Proteolytic Formulas	Probiotic Formulas
NUTRITION	<ul style="list-style-type: none"> • Nutrient bioavailability • Cellular energy and vitality 	<ul style="list-style-type: none"> • Circulation • Nutrient delivery • Formation and health of RBC's/WBC's 	<ul style="list-style-type: none"> • Produces digestive enzymes • B12 and folic acid
IMMUNITY & INFLAMMATION	<ul style="list-style-type: none"> • Strong immunity • Reduced oxidative stress 	<ul style="list-style-type: none"> • Immune modulation • Delivery of immune cells • Reduced inflammation 	<ul style="list-style-type: none"> • Inhibits pathogenic activity • Is part of our immune system
DETOXIFICATION	<ul style="list-style-type: none"> • Reduced food intolerances 	<ul style="list-style-type: none"> • Circulation • Removal of toxins 	<ul style="list-style-type: none"> • Promotes timely removal of wastes



Enzyme Nutrition Starter Kit

- TPP Digest (45 caps)
- TPP Protease (30 caps)
- TPP Probiotic (15 caps)

Packaged in a 2-week supply at maintenance dosage for convenience, compliance, and ease of introducing new patients to enzyme therapy.

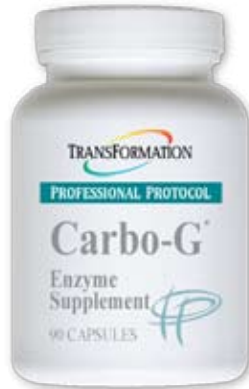
Foundation Package

- TPP Digest (90 caps)
- TPP Protease (60 caps)
- TPP Probiotic (30 caps)

Packaged in a 1-month supply at maintenance dosage for convenience, compliance, and ease of introducing new patients to enzyme therapy.

Digestive Formulas

...at a glance



TPP Carbo-G

A complete digestive formula to assist those with gluten intolerance digest carbohydrates with gluten.

Available in 90 & 180 count bottles.



TPP Digest

Most comprehensive “therapeutic” formula with the highest lipase.

Available in 60, 90, & 120 count bottles.

(Also available in Starter Kit and Foundation Pack)



DigestZyme

Transformation’s original digestive formula: gentle and soothing to the gastrointestinal tract.

Available in 120 & 240 count bottles.



LypoZyme

Transformation’s second highest lipase formula.

Available in 60 count bottles.



Powdered DigestZyme

Transformation’s non-encapsulated digestive formula, now with DPP-IV.

Available in 41.5 gram (1.46 ounce) bottles.



Kidz Digest Powder

Transformation’s non-encapsulated digestive formula, now with DPP-IV.

Available in 41.5 gram (1.46 ounce) bottles.



Kidz Digest Chewable

Transformation’s chewable digestive formula with DPP-IV.

Available in 30 & 180 count bottles.

Digestive Formulas

Notes on usage

These digestive formulas promote optimal digestion, nutrient availability, and reduce food intolerances, all leading to a healthy and efficient immune system and a balanced biological terrain. The goal of digestion is nutrient availability and cellular vitality. Genetics, lifestyle, diet, processed foods, prescription drugs, and the environment all influence digestion on a daily basis. You can no longer assume eating a healthy diet will result in good nutrition of the body. Digestion must take place and every client, with or without digestive or health challenges, will benefit from one of these digestive formulas.

How does better digestion impact overall health?

- Optimal nutrient acquisition from food results in more nutrients available to the cell for better metabolism and energy production. The health and vitality of the cell is a priority.
- Reduced oxidative stress and slower aging (damage of the cells).
- Helps support a strong immune system that maintains its focus on fighting infections and disease.
- Complete digestion of food molecules reduces food intolerances. There are fewer undigested particles released, thereby reducing the risk of toxins or triggers for allergies.

General Indications for Digestive Enzyme Formulas

- Preventive Health and Wellness
- Food Intolerances / Allergies / Leaky Gut
- Gall Bladder / Liver Stress
- Fatigue / Hormone Imbalances
- Constipation, Diarrhea
- Mal-absorption
- IBS / Crohn's / Celiac
- Weakened Immune System
- Pancreatic Disorders
- Skin Disorders
- Indigestion / Acid Reflux / Gas (i.e., burping, belching, and flatulence)

General Information

All Digestive Formulas are:

- vegetarian and contain no known dairy, gluten, or soy
- in vegetable capsules (cellulose and water) made by Capsugel™ that easily pull apart for those who cannot swallow a capsule; also available in a powdered form
- safe during pregnancy and lactation (except Carbo-G) and safe for children
- safe for pets

Dosing

- The dose listed on the bottle is maintenance dosage. More may be taken based on need.
- Transformation recommends taking the digestive enzymes at the beginning of the meal (with the first bite) in order to provide maximum digestive support throughout the digestive process.
- However, if one forgets to take the enzymes at the beginning of the meal, it is recommended to take them when you remember.

TPP Carbo-G

A complete digestive formula to assist those with gluten intolerance digest carbohydrates with gluten.

This unique formula assists with the digestion of complex carbohydrates found in grains, legumes, and fibers. It contains a protease blend including DPP-IV for gluten digestion and provides probiotics and herbs to soothe the GI tract.

Product Highlights

- Total protease activity approximately 47,585 HUT plus 500 DPP-IV specifically for gluten & casein digestion
- 10 carbohydrases to digest all types of carbohydrates including grains, legumes, fiber, and starch
- *B. Infantis* (probiotic) specifically shown to support those with gluten sensitivities and related inflammation
- Herbs to support digestion
- Cellulose capsule, no fillers
- Contains no known gluten, dairy, or soy

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving	% Daily Value	
Tzyme™ Enzyme Blend	353 mg	
Dipeptidyl peptidase IV	500 DPP-IV	*
Protease Blend	46,890 HUT	*
Phytase	90 FTU	*
Alpha-galactosidase	525 GalU	*
Amylase	3495 DU	*
Pectinase	30 endo-PGU	*
Glucoamylase	12 AGU	*
Diastase	42 DP	*
Lipase	340 FIP	*
Invertase	14 SU	*
Lactase	140 ALU	*
Protease 3.0	2 SAPU	*
Alkaline protease	100 USP	*
Cellulase	60 CU	*
Hemicellulase	60 HCU	*
Bifidobacterium infantis (300,000,000 CFU at time of formulation)	30 mg	*
Herbal Blend	63 mg	*
Fennel (seed), Ginger (rhizome), Flax seed, Peppermint (leaf), Artichoke (leaves) extract		

* Daily Value not established
Other Ingredients: Cellulose, Water

Clinical Applications

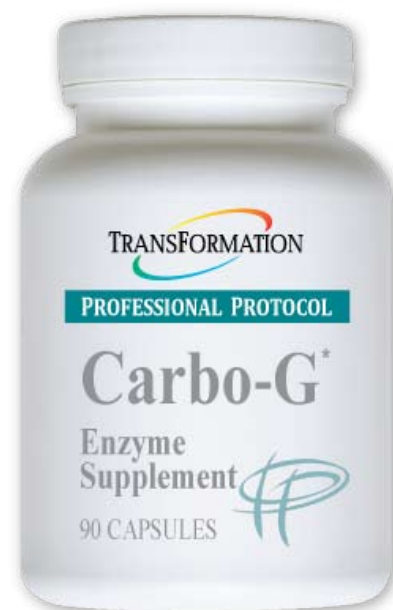
- Gluten intolerance
- Celiac
- Autism
- Casein intolerance
- Food sensitivities
- Digestive wellness

For Your Information

- This is a comprehensive digestive enzyme formula that addresses the breakdown of difficult to digest carbohydrate-protein combinations such as endosperm + gluten in wheat and lactose + casein in dairy products.
- For children unable to swallow capsules, see Kidz Digest with DPP-IV
- Carbo-G is not recommended during pregnancy or lactation. For those individuals, we suggest TPP Digest and TPP Protease.
- A similar formula was introduced in Sweden in 2009 for patients experiencing gluten intolerance and other food sensitivities. The results practitioners are seeing are very positive.

Dosage

- 1 capsule at the beginning of every meal or snack
- More may be taken as needed for digestive discomfort



TPP Digest

Transformation's most comprehensive "therapeutic" digestive formula with the highest lipase

This formulation provides the specific enzymes needed to digest the carbohydrates, proteins, and fats common to the human diet. This high lipase formula is especially beneficial to those with imbalances related to poor fat digestion and absorption.

Product Highlights

- Proteolytic blend: 54,601 HUT for complete protein digestion and absorption of amino acids
- Lipase blend: 7,467 FIP for digestion of fats and absorption of fatty acids
- 13 Polysaccharolytic enzymes for digestion of all forms of carbohydrates, starch, sugar, and fiber
- Digestive enzymes only, no probiotics
- Vegetarian product, cellulose capsule
- Larger capsule

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving		% Daily Value
Tzyme™ Protease Blend (54,601 HUT) (acid, neutral, alkaline, exo/endo peptidases)	122 mg	*
Tzyme™ Lipase Blend (7,467 FIP)	67 mg	*
Tzyme™ Polysaccharolytic Blend	270 mg	
Amylase	20,000 DU	*
Alpha-galactosidase	438 Gal U	*
Phytase	42 FTU	*
Glucoamylase	25 AGU	*
Macerase	400 CU	*
Pectinase	14 endo-PGU*	
Beta-glucanase	25 BGU	*
Lactase	610 ALU	*
Xylanase	500 XU	*
Diastase	168 DP*	*
Invertase	56 SU	*
Cellulase	28 CU	*
Hemicellulase	28 HCU	*
* Daily Value not established		
Other Ingredients: Cellulose, Water, Calcium Citrate		

Clinical Applications

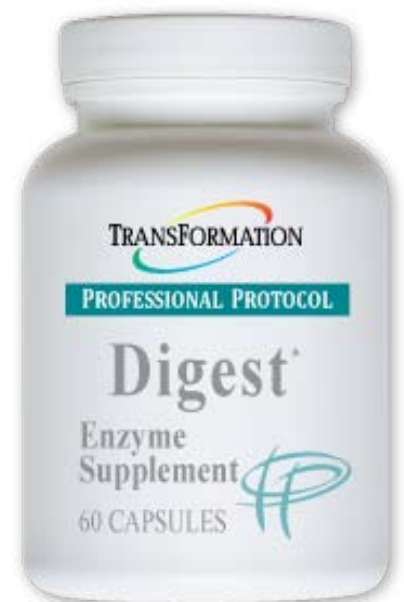
- Wellness and prevention
- Inability to digest FAT, CHO, PRO
- Gall bladder removed
- Cardiovascular Disease
- Bloating, indigestion, GERD
- Obesity
- Hormone imbalances
- Conditions that challenge major organ systems
- Pancreatic insufficiency
- All chronic health challenges

For Your Information

- TPP Digest is the most therapeutic and comprehensive digestive formula, the best choice for patients with chronic or serious health challenges
- TPP Digest may be used by anyone – adult, child, pregnant, or lactating – to promote optimal digestion of a healthy diet
- GI/GB tolerance may arise when first taking a therapeutic digestive formula – a probiotic with the meal sometimes eases this transition
- May be given to pets with digestive or other health challenges

Dosage

- Maintenance: 1 capsule with meals
- Therapeutic: 1-2 capsules at the beginning of every meal, or 1 capsule may be taken at the beginning and 1 capsule at the end of the meal
- More may be taken as needed for digestive discomfort
- Capsules may be pulled apart and mixed in a small amount of tepid water and/or mixed with first bite of food



DigestZyme

Transformation's original digestive formula: gentle and soothing to the gastrointestinal tract

This digestive formula supports the digestion of carbohydrates, proteins, and fats. This gentle blend of digestive enzymes and probiotics is excellent for those who have a sensitive gut and experience gastrointestinal discomfort or extreme food, chemical, or environmental sensitivities.

Product Highlights

- Protease: 66,500 HUT for protein digestion
- 5 Polysaccharolytic enzymes for digestion of carbohydrates, starch, sugar, and fiber
- Lipase: 400 LU
- *L. acidophilus* (DDS-1) and *B. Longum* are probiotics* unique to this formula that enhance tolerance and digestive comfort
- Enzymes and probiotics only, no other ingredients
- Vegetarian product, cellulose capsule
- Smaller capsule

SUPPLEMENT FACTS		
Serving Size 2 capsules		
Amount Per Serving	% Daily Value	
Enzyme proprietary blend	372 mg	*
Amylase	12,200 DU	*
Protease	66,500 HUT	*
Lipase	400 LU	*
Cellulase	1320 CU	*
Invertase	0.4 IAU	*
Diastase	500 DP ^o	*
Lactase	800 ALU	*
Lactobacillus acidophilus (grown on milk)	20 mg	*
Bifidobacterium longum	6 mg	*

* Daily Value not established

Other Ingredients: Cellulose, Water

**Note: probiotics derived from dairy foods contain no dairy food in the final product and actually promote tolerance to dairy foods*

Clinical Applications

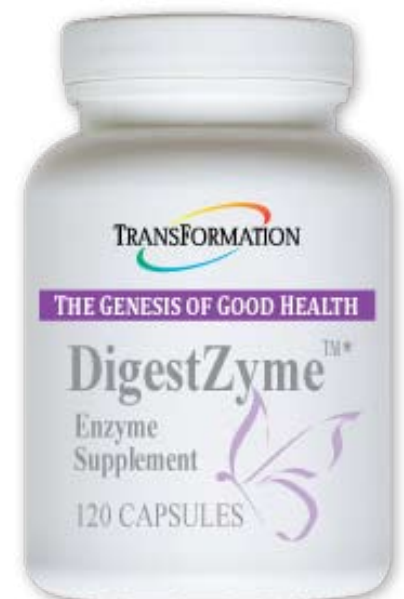
- Wellness and prevention
- Sensitive GI tract
- Inflammatory bowel disorders
- Weak constitution
- Gall bladder stress
- Nausea / vomiting
- Burping / belching / indigestion
- Chemical / environmental sensitivities
- Infant colic

For Your Information

- Best choice for "GUT sensitive" patients (IBS, frequent nausea, frequent intolerance to Rx and/or supplements)
- Small capsule easily tolerated, excellent for children
- May be taken during pregnancy and lactation
- Excellent for nausea during pregnancy
- Probiotics do not require refrigeration for their purpose in this formula
- May be given to pets

Dosage

- Maintenance: 2 capsules at the beginning of every meal
- Therapeutic: 3-5 capsules at the beginning of every meal
- Add 1-2 capsules LypoZyme with DigestZyme dosage for sensitive patients that need additional lipase
- Capsules may be pulled apart and mixed in a small amount of tepid water and/or mixed with first bite of food



LypoZyme

Transformation's second highest lipase formula

This is a digestive formula high in lipase and aids in the digestion of fats, carbohydrates, and proteins.

Product Highlights

- Digestive enzymes only
- Lipase – 6,250 FIP
- Amylase – 5,000 DU
- Protease – 20,000 HUT
- Small capsule
- Cellulose capsule

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving	% Daily Value	
Enzyme Proprietary Blend	208 mg	*
Lipase	6,250 FIP	*
Amylase	5,000 DU	*
Protease	20,000 HUT	*

* Daily Value not established

Other Ingredients: Cellulose, Water

Clinical Applications

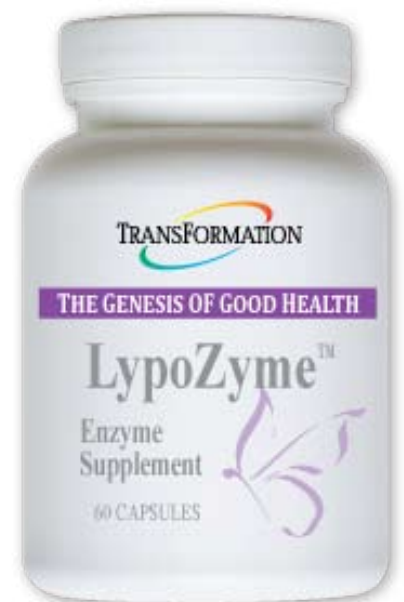
- Gall Bladder stress (sensitive patient)
- Promote absorption of EFAs
- Additional support for:
 - Fat digestion
 - Cardiovascular health
 - Weight reduction

For Your Information

- This is a good addition to other digestive formulas when extra focus is needed for fat digestion or fat imbalances
- Very well tolerated
- Simple digestive formula containing only 3 enzymes

Dosage

- 1-2 capsules with every meal (may be combined with DigestZyme to aid fat digestion for those with a sensitive GI tract)
- 1-2 capsules between meals with protease for cardiovascular health
- 2-3 LypoZyme with 2-3 BalanceZyme Plus may increase effectiveness of weight loss program
- 1-2 capsules taken with EFAs to promote absorption and tolerance



Powdered DigestZyme

Transformation's non-encapsulated digestive formula, now with DPP-IV

This formulation supports the digestion of carbohydrates, fats and proteins including gluten and casein. This product was designed for those with difficulty swallowing capsules.

Product Highlights

- No capsule
- Polysaccharolytic blend for digestion of all carbs – starches, sugars, fiber
- Protease – 50,000 HUT and 300 DPP-IV for protein digestion including gluten and casein
- Lipase – 3,000 FIP (1,200 FCC LU) for fat digestion
- Flax seed supplies EFAs and is a natural “de-dusting” agent
- B. Infantis is a probiotic for healthy gut flora
- No added sugar or artificial colors

SUPPLEMENT FACTS		
Serving Size 1/8 tsp (125 per bottle)		
Amount Per Serving		% Daily Value
Polysaccharolytic Blend (Amylase, Glucoamylase, Alpha-galactosidase, Invertase, Lactase, Pectinase, Diastase, Phytase, Cellulase, Hemicellulase)	131 mg	*
Peptidase Blend (50,000 HUT and 300 DPP-IV)	119 mg	*
Lipase (3,000 FIP)	53 mg	*
Flax Seed	30 mg	*
Bifidobacterium infantis	1 mg	*

* Daily Value not established
This product has no added sugar or artificial colors

Clinical Applications

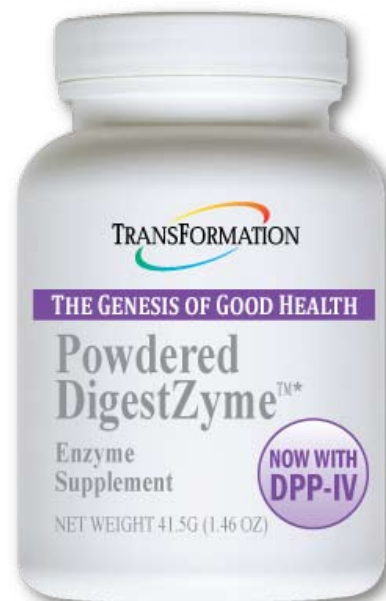
- Gluten/casein intolerance
- Lactose intolerance
- Food sensitivities and allergies
- Cramping, gas, bloating, colic
- Irregular bowel movements
- Patients unable to swallow or who are fed via a feeding tube
- Also good for pets

For Your Information

- For those unable to swallow a capsule
- The formula is the same as the Zyme 4 Kidz™ Kidz Digest™ Powder. It is labeled differently in the event a children's label is not appropriate for your patient population.
- It is important to note this is NOT the same formula as DigestZyme capsules
- This product may also be given to pets

Dosage

- Infants to 3 years of age: 1/8 tsp (1/2 scoop) mixed in a tablespoon of tepid water or small amount of food to be given at the beginning of each feeding. If baby is “fussy” then give enzyme dose as soon as possible after feeding.
- 3+ years of age: as above or create paste and put on tongue with every meal



Kidz Digest Powder

Transformation's non-encapsulated digestive formula, now with DPP-IV

This formulation supports the digestion of carbohydrates, fats and proteins including gluten and casein. This product was designed for those with difficulty swallowing capsules and who prefer a chewable tablet.

Product Highlights

- No capsule
- Polysaccharolytic blend for digestion of all carbs – starches, sugars, fiber
- Protease – 50,000 HUT and 300 DPP-IV for protein digestion including gluten and casein
- Lipase – 3,000 FIP (1,200 FCC LU) for fat digestion
- Flax seed supplies EFAs and is a natural “de-dusting” agent
- B. Infantis is a probiotic for healthy gut flora
- No added sugar or artificial colors

SUPPLEMENT FACTS		
Serving Size 1/8 tsp (125 per bottle)		
Amount Per Serving		% Daily Value
Polysaccharolytic Blend (Amylase, Glucoamylase, Alpha-galactosidase, Invertase, Lactase, Pectinase, Diastase, Phytase, Cellulase, Hemicellulase)	131 mg	*
Peptidase Blend (50,000 HUT and 300 DPP-IV)	119 mg	*
Lipase (3,000 FIP)	53 mg	*
Flax Seed	30 mg	*
Bifidobacterium infantis	1 mg	*

* Daily Value not established
This product has no added sugar or artificial colors

Clinical Applications

- Gluten/casein intolerance
- Lactose intolerance
- Food sensitivities and allergies
- Cramping, gas, bloating, colic
- Irregular bowel movements
- Patients unable to swallow or who are fed via a feeding tube
- Also good for pets

For Your Information

- For those unable to swallow a capsule
- The formula is the same as the Powdered DigestZyme. It is labeled for Children to appeal to your patient population.
- It is important to note this is NOT the same formula as DigestZyme capsules
- This product may also be given to pets

Dosage

- Infants to 3 years of age: 1/8 tsp (1/2 scoop) mixed in a tablespoon of tepid water or small amount of food to be given at the beginning of each feeding. If baby is “fussy” then give enzyme dose as soon as possible after feeding.
- 3+ years of age: as above or create paste and put on tongue with every meal



Kidz Digest Chewable

Transformation's
chewable digestive
formula with DPP-IV

Digestive

This formula supports the digestion of carbohydrates, fats and protein including gluten and casein. These small easy to dissolve tablets are ideal for those kids who refuse to take pills or capsules and will only accept a chewable that tastes good.

Product Highlights

- Chewable tablets, 2 per serving
- Protease – 50,000 HUT and 300 DPP-IV for protein digestion including gluten and casein
- Polysaccharolytic blend for digestion of all carbs – starches, sugars, fiber
- Flax seed supplies EFAs
- Lipase – 3,000 FIP (1,200 FCC LU) for fat digestion
- B. Infantis is a probiotic for healthy gut flora
- Less than 1 gm fructose and xylitol for sweetness.

SUPPLEMENT FACTS		
Serving Size 2 tablets (15/90 per bottle)		
Amount Per Serving	% Daily Value	
Total Carbohydrates	<1 g	<1%†
Sugar	<1 g	*
Sugar alcohols	<1 g	*
Peptidase Blend (50,000 HUT and 300 DPP-IV)	114 mg	*
Polysaccharolytic Blend (Amylase, Glucoamylase, Lactase, Alpha-galactosidase, Pectinase, Diastase, Invertase, Cellulase, Hemicellulase)	90 mg	*
Flax Seed	30 mg	*
Lipase (3,000 FIP)	11 mg	*
Bifidobacterium infantis	2 mg	*

† Based on a 2,000 calorie diet
* Daily Value not established

Other Ingredients: Fructose, Xylitol, Natural mixed berry flavor, Natural strawberry flavor, Magnesium stearate, Silica
**Note: In order to deliver a chewable tablet other ingredients are necessary.*

Clinical Applications

- Digestive support for healthy kids
- Patients unable to swallow capsule and who will only accept a chewable tablet

For Your Information

- This formula is very similar to the Zyme 4 Kidz™ Digest Powder
- This formula contains “other ingredients” in order to produce a chewable tablet. If the child has food sensitivities, allergies or other digestive concerns, the Zymes 4 Kidz™ Digest Powder is the preferred formula.

Dosage

- 3+ years of age: 2 chewable tablets at the beginning of each meal



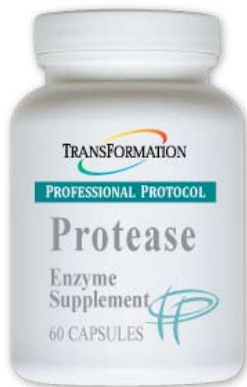


Proteolytic Formulas

...at a glance

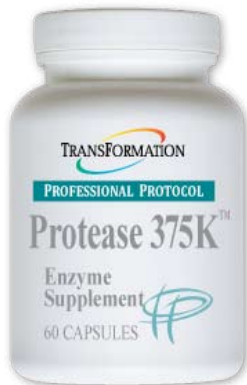
Proteolytic

Circulation / Immunity / Inflammation / Detoxification



TPP Protease

Transformation's most therapeutic systemic proteolytic formula. Available in 60 & 120 count bottles.
(Also available in Starter Kit and Foundation Pack)



TPP Protease 375K

Transformation's second highest formula in systemic proteolytic activity. Available in 60 count bottles.



PureZyme

Transformation's original systemic protease formula. Available in 120 count bottles.

Proteolytic Formulas

Notes on usage

These proteolytic formulas taken between meals provide support to the circulatory system (heart, blood, and lymph), the immune system, and to the detoxifying organs (skin, lungs, kidney, liver, and colon). They have a wide range of pH activity and are gastric stable requiring no enteric coating, meaning they work throughout the body.

How do proteolytic enzymes impact overall health?

- **Improved Blood Rheology** – Proper “formation and flow” of blood cells, white and red
- **Improved Circulation** – Fibrinolytic and thrombolytic activity reduces inappropriate clot formation and improves blood flow. This in turn facilitates:
 - » Delivery of nutrients to the cell
 - » Removal of metabolic wastes away from the cell
 - » Delivery of oxygen to brain, muscles, and tissues
 - » Transport of immune cells to sites of infection, inflammation, and damage
 - » Recovery, healing, and repair
 - » Heart, liver, and kidney function
- **Immune System Support** – Becomes part of the white blood cells (alpha 2 macroglobulin) working with your body’s innate intelligence. The immune system becomes more precise and efficient (*it works smarter, not harder*).
 - » Less susceptible to colds, allergies, infections
 - » Reduced toxic load frees up the immune system to deal with real threats
 - » Manage the inflammatory response (reduces allergies, inflammation, and overreaction to minor triggers)
- **Improved Detoxification** – Supports removal of metabolic waste, environmental toxins, and helps maintain a healthy internal environment.
 - » Once foreign or invading proteinaceous molecules are identified and attacked by the immune cells, proteases will assist in the further breakdown of these compromised proteins for clearing from the system.
 - » Better circulation means better filtration and removal of toxins from the blood stream.
 - » A “clean” system functions better and leads to cellular vitality.
 - » Reduces inflammatory response (timely removal of toxins for decreased overreaction to minor triggers)

General Indications for Proteolytic Formulas

- | | |
|-----------------------------|--|
| • Prevention and Wellness | • Organ/System Dysfunction |
| • Cardiovascular Health | • Toxemia |
| • Auto-immune Disorders | • Metabolic and Genetic Disorders |
| • Inflammation | • All conditions associated with poor protein digestion and absorption |
| • Compromised Immune System | |

General Information – All Proteolytic Formulas are:

- vegetarian and contain no known dairy, gluten, or soy
- in vegetable capsules (cellulose and water) made by Capsugel™ that easily pull apart for those who cannot swallow a capsule
- safe during pregnancy and lactation and safe for children
- safe for pets

Dosing – The dose listed on the bottle is maintenance dosage. More may be taken based on need. Transformation recommends taking the proteolytic enzymes between meals for quicker absorption into the blood stream. Between meals is defined as approximately 1 hour before or 2 hours after a meal. However, if one feels they cannot take them on an empty stomach, then taking with food is acceptable.

TPP Protease

Transformation's most therapeutic systemic proteolytic formula

This proprietary blend of highly active, GI stable proteolytic enzymes has been combined to promote circulation, a strong healthy immune system, anti-inflammation, and timely detoxification.

Product Highlights

- Endo/exo peptidases break the inner/terminal bonds of amino acid chains for more efficient hydrolysis of proteins
- Protease blend (including bromelain plant enzymes) for reducing inflammation
- More than 400,000 HUT (600,000 PU = 51,000 HUT) for the highest proteolytic activity available
- Calcium improves tolerance on an empty stomach
- Approx. 2,400 FU breaks down fibrin and clots and promotes healthy blood flow
- No fillers, contains no known dairy, gluten, or soy
- Vegetarian product, cellulose capsule

SUPPLEMENT FACTS	
Serving Size 1 Capsule	
Amount Per Serving	% Daily Value
Tzyme™ Protease Blend (acid, neutral, alkaline, exo/endo peptidases, bromelain) (355,017 HUT) (600,000 PU)	638 mg *
Calcium citrate	9.60 mg *
* Daily Value not established	

Other Ingredients: Cellulose, Water

Clinical Applications

- Cancer of any kind
- Arthritis
- CVD / heart disease
- Chronic Fatigue Syndrome / Fibromyalgia
- Bacterial / Viral / Fungal Infections
- Hepatitis
- Kidney Disorders / Renal Insufficiency
- Eczema / Psoriasis
- Asthma / Emphysema
- All hormone imbalances
- Auto-immune disorders
- Autism
- Diabetes
- Muscle strains, soreness, injuries, and surgeries

Proteolytic

For Your Information

- First choice when patient has been diagnosed with a condition (this is the "therapeutic" strength blend)
- It is better to take small doses of protease frequently throughout the day rather than large doses once or twice a day (protease has a half-life of approximately 3-4 hours; the goal is to keep the protease activity constant in the blood stream for therapeutic benefits)
- Compares with Nattokinase and Serra-peptidase
- May be given to children if condition warrants; may be given to pets
- Caution with patients on prescription blood thinning drugs (give protease formulas 3-4 hours away from Rx dose)
- May cause discomfort for individuals with stomach ulcers as protease will debride necrotic tissue and promote healing
- Discontinue taking TPP Protease 24-48 hours prior to surgery and resume 24 hours post-surgery

Dosage

- Maintenance dose: 1 capsule 2 x day (am/pm)
- General therapy dose: 2 capsules 3 x day between meals (approximately 1 hour before or 2 hours after meals)
- Therapeutic dose: 2-3 capsules 4-5 x day, or every 3 hours (in this case the goal is to keep high levels of activity in the blood stream at all times; "between meals" becomes difficult, so 30-60 minutes before or after meals is also acceptable)
- TPP Protease may be taken with food if unable to tolerate between meals
- Sometimes suggested with meals to provide added support for protein digestion (diabetes, heartburn, acid reflux, gout, autism, high protein diet)
- For those who have difficulty swallowing pills, the capsules may be pulled apart and mixed in a small amount of tepid water or liquid and consumed immediately
- Topical application: open capsule and make a paste with a small amount of water, then apply to insect bite, fungal rash, mouth sores, inflamed gums, etc

TPP Protease 375K *Transformation's second highest formula in proteolytic activity*

This proprietary blend of highly active, GI stable systemic proteolytic enzymes have been combined to promote circulation, a strong healthy immune system, and timely detoxification.

Product Highlights

- Protease: 375,000 HUT per capsule is second highest in proteolytic activity
- Protease blend containing no bromelain, papain, or calcium
- No fillers, contains no known dairy, gluten, or soy
- Vegetarian product, cellulose capsule

SUPPLEMENT FACTS	
Serving Size 1 Capsule	
Amount Per Serving	% Daily Value
Tzyme™ Protease Blend	375,000 HUT *
* Daily Value not established	

Other Ingredients: Cellulose, Water

For Your Information

- Appropriate for individuals who are intolerant to bromelain (pine-apple) or papain (papaya)
- This formula is used by DC's specializing in scoliosis, as these patients need to limit calcium
- TPP Protease 375K has similar properties as TPP Protease with less anti-inflammatory benefits
- May be given to children if condition warrants; may be given to pets
- Caution with patients on prescription blood thinning drugs (give protease 3-4 hours away from Rx dose)
- Proteases may cause discomfort for persons with stomach ulcers, as the protease debrids the necrotic tissue and promotes healing
- Discontinue use 24-48 hours prior to surgery and resume 24 hours after surgery

Dosage

- Maintenance dose: 1 capsule 2 x day (am/pm)
- General therapy dose: 2 capsules 3 x day between meals (approximately 1 hour before of 2 hours after a meal)
- Therapeutic dose: 2-3 capsules 4-5 x day, or every 3 hours (in this case the goal is to keep high levels of activity in the blood stream at all times; "between meals" becomes difficult, so 30-60 minutes before or after meals is also acceptable)
- For those who have difficulty swallowing pills, the capsules may be pulled apart and mixed in a small amount of tepid water or liquid and consumed immediately
- Topical application: open capsule and make a paste with a small amount of water, then apply to insect bite, fungal rash, mouth sores, inflamed gums, etc

Clinical Applications

- Cancer of any kind
- Arthritis
- CVD / Heart Disease
- Chronic Fatigue Syndrome / Fibromyalgia
- Bacterial / Viral / Fungal Infections
- Hepatitis
- Kidney Disorders / Renal Insufficiency
- Eczema / Psoriasis
- Asthma / Emphysema
- All hormone imbalances
- Auto-immune disorders
- Autism
- Diabetes

PureZyme

Transformation's original
systemic protease formula

This formula is a slightly gentler formula for those who are sensitive to detoxification. This product will assist in maintaining optimal blood flow, immune function, and elimination of toxicity.

Product Highlights

- Smaller capsule
- Single Protease (4.5) contains 185,000 HUT per capsule
- Calcium for tolerance on empty stomach
- No fillers, contains no known dairy, gluten, or soy
- Vegetarian product, cellulose capsule

SUPPLEMENT FACTS		
Serving Size 2 Capsules		
Amount Per Serving	% Daily Value	
Protease	370,000 HUT	*
Calcium Citrate	79 mg	*
* Daily Value not established		

Other Ingredients: Cellulose, Water

Clinical Applications

- Cancer of any kind
- Arthritis
- CVD / Heart Disease
- Chronic Fatigue Syndrome / Fibromyalgia
- Bacterial / Viral / Fungal Infections
- Hepatitis
- Kidney Disorders / Renal Insufficiency
- Eczema / Psoriasis
- Asthma / Emphysema
- All hormone imbalances
- Auto-immune disorders
- Autism
- Diabetes

For Your Information

- Smaller capsule, gentler formula is very well tolerated for sensitive patients, young children, and those unable to swallow a larger capsule
- Caution with patients on prescription blood thinning agents (give protease formulas 3-4 hours away from Rx dose)
- Proteases may cause discomfort for individuals with stomach ulcers as the protease debrides the necrotic tissue and promotes healing
- Discontinue taking PureZyme 24-48 hours prior to surgery and resume 24 hours post surgery
- May be given to pets

Dosage

- Maintenance dose: 2 caps 2 x day (am/pm)
- General therapy dose: 3 capsules 3 x day between meals
- Therapeutic dose: 5 capsules 4-5 x day, or every 3 hours (the goal is to keep high levels of activity in the blood stream at all times, so 30- 60 minutes before or after meals is acceptable)
- For those who have difficulty swallowing capsules may be pulled apart and mixed in a small amount of tepid water and/or mix with first bite of food
- Topical application: open capsule and make a paste with a small amount of water, then apply to insect bite, fungal rash, mouth sores, inflamed gums, etc

Proteolytic

Probiotic Formulas

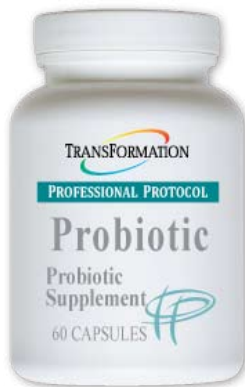
...at a glance



TPP Probiotic 42.5

Transformation's maximum strength probiotic formula.

Available in 30 count bottles.



TPP Probiotic

Therapeutic and comprehensive probiotic formula.

Available in 30 & 60 count bottles.

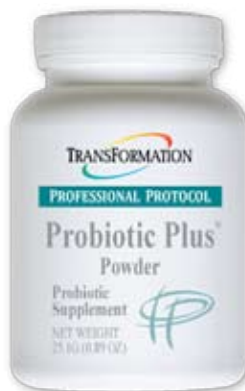
(Also available in Starter Kit and Foundation Pack)



Plantadophilus

Transformation's original probiotic formula.

Available in 90 count bottles.



TPP Probiotic Plus

Transformation's powdered alternative to capsules.

Available in 25.1 gram (0.89 ounce) bottles.



Kidz Probiotic Powder

Transformation's powdered alternative to capsules.

Available in 12.6 gram (0.44 ounce) bottles.

Probiotic Formulas

Notes on usage

These probiotic formulas maintain the beneficial bacteria in the GI tract. The microflora in the GI tract often becomes depleted by antibiotic use or imbalanced by poor diet choices. Further complications can arise when the opportunistic microorganisms feed off of undigested food molecules, creating gas and releasing toxic waste into the blood stream.

How can the use of probiotics impact overall health?

- **Digestive Support** – Beneficial bacteria produce enzymes such as protease, lipase, and lactase to further assist with protein and fat digestion as well as reduce problems associated with lactose intolerance. Probiotics also produce B vitamins, particularly folic acid and B12, which are biocatalysts in food digestion.
- **Immune Support** – Probiotics produce the natural antibiotic-like substance acidophilin and inhibit the growth of toxin producing microorganisms. Probiotics aid in the production and augmentation of immune bodies and their functions.
- **Elimination** – Probiotics act as natural stool softeners and facilitate healthy and timely elimination of waste.

General Indications for Probiotic Formulas

- | | | |
|---------------------------|--------------------------------|--------------------------------|
| • Prevention and Wellness | • Inflammatory Bowel Disorders | • Weakened immunity |
| • Digestive Disorders | • Gas and Bloating | • Lactose Intolerance |
| • Constipation | • Dysbiosis | • Viral / Bacterial Infections |
| • Diarrhea | • Frequent antibiotic use | • Yeast infections |

General Information

The Probiotic formulas are:

- in cellulose capsules or in powdered form
- safe during pregnancy and lactation
- safe for pets
- contains no known gluten (Lactoferrin is from milk)
- GI tract stable and require no enteric coating. Store under refrigeration.

Special Notes

- Most probiotics from *Lactobacillus* are acid stable and survive the GI tract. However, some probiotic products have an enteric coating to enhance shelf life and/or eliminate the need for refrigeration. TEC prefers refrigeration over enteric coating and uses highly stable probiotic strains. The bacteria are dormant at low temperatures and when introduced to the warm environment of the human GI tract, they become live cultures and colonize in the human GI tract.
- “Lacto” *bacillus* denotes lactic acid-producing or acid-loving. They prefer a pH of 6.5-6.8. “Lacto” does not indicate a relation to lactose or dairy, as is commonly misunderstood.

TPP Probiotic 42.5 Transformation's maximum strength probiotic formula

The demand has never been greater for a maximum strength probiotic formula! These organisms enhance the balance of "friendly" bacteria to support intestinal health and encourage timely elimination thereby supporting overall health.

Product Highlights

- A blend of 10 bacteria providing 42.917 billion colony forming units (cfu) per capsule
- Includes FOS (fructo-oligosaccharide, a "pre-biotic," i.e., food for the probiotics) in the form of Jerusalem artichoke, a source of inulin
- Cellulose capsule
- No fillers, contains no known gluten

SUPPLEMENT FACTS	
Serving Size 1 Capsule	
Amount Per Serving	% Daily Value
Tzyme™ Probiotic Blend	302 mg *
Bifidobacterium longum	6 billion cfu *
Bacillus coagulans	5.5 billion cfu *
Lactobacillus acidophilus	6.667 billion cfu *
Lactobacillus salivarius	6.5 billion cfu *
Lactobacillus plantarum	8.25 billion cfu *
Lactobacillus bulgaricus	1 billion cfu *
Bifidobacterium bifidum	5 billion cfu *
Lactobacillus casei	1.5 billion cfu *
Lactobacillus rhamnosus	1.5 billion cfu *
Bifidobacterium infantis	1 billion cfu *
Jerusalem Artichoke tuber	21 mg *
* Daily Value not established	

Other Ingredients: Cellulose, Water

Clinical Applications

- Constipation
- Inflammatory Bowel Diseases
- Lactose intolerance
- Viral / bacterial infection
- Weakened immunity
- Dysbiosis – absence or imbalance of good bacteria
- Frequent antibiotic use
- Gas / intestinal bloating
- Diarrhea due to antibiotics
- Chronic or long term illness

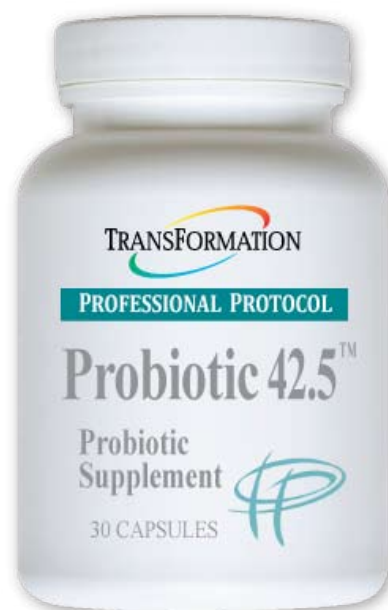
Probiotics

For Your Information

- In addition to the 6 probiotic strains found in TPP Probiotic, our TPP Probiotic 42.5 formula also includes additional support for digestive health with *L. bulgaricus*, *B. bifidum*, *L. rhamnosus*, and *B. infantis* probiotics with a total activity of over 42.5 billion cfu per capsule
- Although the *B. bifidum* is grown on soy, this product contains NO known soy and is completely non-allergenic
- Store in the refrigerator to maintain potency (when traveling, pack only the amount needed; non-refrigeration is acceptable for this short period of time)
- Un-refrigerated probiotics do not go "bad," but they may lose some of their potency over time
- FOS may cause gas in some individuals
- Safe for pregnant and lactating women

Dosage

- 1 capsule upon rising or at bedtime with at least 8 oz. of water
- More may be taken as needed for discomfort
- May be taken with antibiotics to help maintain healthy balance



TPP Probiotic

Transformation's therapeutic and comprehensive probiotic formula

This is a blend of six bacteria common to the human GI tract. This product has been formulated to mirror the proper ratios of these bacteria as found in the healthy GI tract and therefore maintain optimal flora to reduce gastrointestinal discomfort.

Product Highlights

- A blend of 6 bacteria providing just over 5 billion colony forming units (cfu) per capsule
- *L. sporogenes* is also known as *B. coagulans*
- Includes FOS (fructo-oligosaccharide, a “pre-biotic,” i.e., food for the probiotics) in the form of Jerusalem artichoke
- Lactoferrin is an effective antibacterial agent derived from milk
- Cellulose capsule
- No fillers, contains no known gluten or soy

SUPPLEMENT FACTS	
Serving Size 1 Capsule	
Amount Per Serving	% Daily Value
Tzyme™ Probiotic Blend	442 mg *
Lactobacillus plantarum	3 billion c.f.u. *
Lactobacillus sporogenes	380 million c.f.u. *
Lactobacillus salivarius	300 million c.f.u. *
Bifidobacterium longum	200 million c.f.u. *
Lactobacillus casei	225 million c.f.u. *
Lactobacillus acidophilus	1 billion c.f.u. *
Jerusalem Artichoke tuber	20 mg *
Lactoferrin (from milk)	10 mg *
* Daily Value not established	

Other Ingredients: Cellulose, Water

Clinical Applications

- Prevention and wellness
- Dysbiosis – absence or imbalance of good bacteria
- Gas / intestinal bloating
- Inflammatory Bowel Diseases
- Constipation
- Frequent antibiotic use
- Weakened immunity
- Diarrhea
- Lactose intolerance
- Viral / bacterial infection

For Your Information

- May be given to pregnant or lactating women
- May be given to children
- Store in the refrigerator to maintain potency (when traveling, pack only the amount needed; non-refrigeration is acceptable for this short period of time)
- Un-refrigerated probiotics do not go “bad,” but they may lose some of their potency over time
- FOS may cause gas in some individuals
- The 6 strains in this formula cover the beneficial functions of probiotics; for a maximum strength probiotic formula, use TPP Probiotic 42.5

Dosage

- 1-2 capsules at bedtime or 1 in the morning and 1 at bedtime
- More may be taken to relieve constipation: 2 capsules 2 x day morning and bedtime
- May be taken with antibiotics to help maintain healthy balance (increase dosage as needed)
- May be taken with meals to relieve gas and bloating
- Topical application: open capsule and mix with small amount of water to make a paste, then apply to fungal infection, fever blister, mouth sore, etc
- 1 capsule may be mixed in 4 ounces of water and gargled to relieve sore throat

Plantadophilus

Transformation's original
probiotic formula

This well tolerated, time-tested formula contains the single bacterium Lactobacillus Plantarum.

Product Highlights

- Provides 6 billion cfu of *L. plantarum* per 3 capsule serving
- Contains no other ingredients
- No fillers, contains no known dairy, gluten, or soy
- Isolated from plant
- Cellulose capsule (smaller size)

SUPPLEMENT FACTS	
Serving Size 3 Capsules	
Amount Per Serving	% Daily Value
Lactobacillus plantarum	6 billion c.f.u. *
* Daily Value not established	

Other Ingredients: Cellulose, Water

Clinical Applications

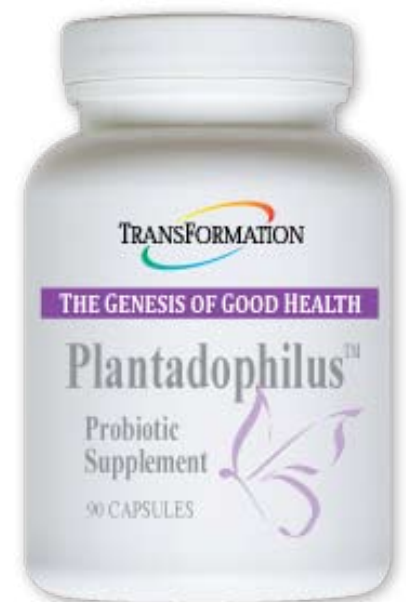
- First choice for patients with sensitive GI tract
- Prevention and wellness
- Soothes inflamed GI tract
- IBS, Crohn's, Celiac
- Excessive gas and bloating
- Chronic constipation
- Infants and children
- Yeast infections, candida
- Sore throat, mouth sores

For Your Information

- Is very well tolerated and is preferred by those with sensitive GI tracts or who may not tolerate FOS or "other ingredients"
- Keep refrigerated (when traveling take amount needed for the trip and store at room temperature or lower)
- May be given to pregnant or lactating women
- May be given to children
- May be given to pets

Dosage

- 3 capsules per day taken at bedtime, or 1 in the morning and 2 at bedtime
- For constipation, diarrhea, or excess gas: increase dose to 3 in the morning and 3 at bedtime
- May be taken with antibiotics to help maintain healthy balance (increase dosage as needed)
- May also be taken with meals for digestive discomfort associated with gas and bloating
- Topical dosage: open capsule and mix with small amount of water to make a paste, then apply to fungal infection, fever blister, mouth sore, etc
- 2 capsules may be mixed in 4 ounces of water and gargled to relieve sore throat



TPP Probiotic Plus

Transformation's powdered alternative to capsules

Do you have patients who cannot or will not swallow capsules? This comprehensive GI tract stable blend has all the benefits of "friendly" naturally occurring bacteria vital to overall health in an easy to mix, no taste powder.

Product Highlights

- A blend of 4 Lactobacillus and 4 Bifidobacterium species providing over 40 billion cfu per serving
- 30 servings per container (1/4 tsp for adults)
- Includes FOS (fructo-oligosaccharide, a "pre-biotic," i.e., food for the probiotics) in the form of Jerusalem artichoke, a source of inulin
- No fillers

SUPPLEMENT FACTS	
Serving Size 836.6 mg (app 1/4 tsp)	
Amount Per Serving	% Daily Value
Tzyme™ Probiotic Blend	794 mg *
Bifidobacterium infantis	6 billion cfu *
Lactobacillus acidophilus	6.74 billion cfu *
Lactobacillus bulgaricus	2 billion cfu *
Lactobacillus plantarum	6 billion cfu *
Bifidobacterium breve	6 billion cfu *
Bifidobacterium lactis	6 billion cfu *
Lactobacillus salivarius	4 billion cfu *
Bifidobacterium bifidum	5 billion cfu *
Jerusalem Artichoke tuber	42 mg *

* Daily Value not established

THIS PRODUCT HAS NO ADDED SUGAR OR ARTIFICIAL COLORS

Clinical Applications

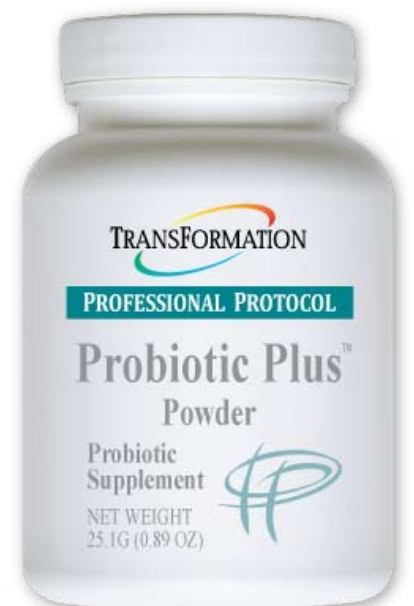
- Unwilling or unable to swallow capsules
- Constipation
- Inflammatory Bowel Diseases
- Lactose intolerance
- Viral / bacterial infection
- Weakened immunity
- Dysbiosis – absence or imbalance of good bacteria
- Frequent antibiotic use
- Gas / intestinal bloating
- Diarrhea due to antibiotics
- Chronic or long term illness

For Your Information

- This formula is appropriate for individuals who are unwilling or unable to swallow capsules. Also good for pets.
- Easily dissolves with little to no taste. The powder can be mixed in water, juice, smoothies, or solid food at room temperature. It can also be mixed with a small amount of water, creating a paste that can be put on the tongue or gums. Or, dissolve in water and swallow or administer with a medicine syringe.
- Store in the refrigerator to maintain potency (when traveling, pack only the amount needed; non-refrigeration is acceptable for this short period of time)
- Un-refrigerated probiotics do not go "bad," but they may lose some of their potency over time
- FOS may cause gas in some individuals
- Safe for pregnant and lactating women

Dosage

- 1/4 tsp (1 scoop) mixed in a small amount of water or liquid in the morning or at bedtime
- More may be taken as needed for discomfort
- May be taken with antibiotics to help maintain healthy balance



Kidz Probiotic

Easy to mix powdered formula perfect for kids

Normal microflora can be easily disrupted by cesarean section delivery, formula feedings, antibiotics, toxin exposure, and/or a poor diet. This beneficial blend of probiotics plays a vital role in supporting a child's healthy intestinal environment.

Product Highlights

- A blend of 4 Lactobacillus and 4 Bifidobacterium species providing over 20 billion cfu per serving
- 30 servings per container (1/8 tsp for children)
- Includes FOS (fructo-oligosaccharide, a “pre-biotic,” i.e., food for the probiotics) in the form of Jerusalem artichoke, a source of inulin
- No fillers

SUPPLEMENT FACTS	
Serving Size 418.3 mg (app 1/8 tsp)	
Amount Per Serving	% Daily Value
Tzyme™ Probiotic Blend	397 mg *
Bifidobacterium infantis	3 billion cfu *
Lactobacillus acidophilus	3.37 billion cfu *
Lactobacillus bulgaricus	1 billion cfu *
Lactobacillus plantarum	3 billion cfu *
Bifidobacterium breve	3 billion cfu *
Bifidobacterium lactis	3 billion cfu *
Lactobacillus salivarius	2 billion cfu *
Bifidobacterium bifidum	2.5 billion cfu *
Jerusalem Artichoke tuber	21 mg *

* Daily Value not established

THIS PRODUCT HAS NO ADDED SUGAR OR ARTIFICIAL COLORS

Clinical Applications

- Difficulty swallowing pills
- Constipation
- Diarrhea
- Gas
- Cramping
- Digestive discomfort
- Bloating during meals
- GI discomfort
- Lactose intolerance

For Your Information

- Easily dissolves with little to no taste. Powder can be mixed with water, expressed breast milk, formula, juice, or solid food at room temperature as appropriate for the child. Mixing with a small amount of water, a paste can be created that can be put on the tongue or gums or dissolved in water and swallowed or administered with a medicine syringe.
- Store in the refrigerator to maintain potency (when traveling, pack only the amount needed; non-refrigeration is acceptable for this short period of time)
- Un-refrigerated probiotics do not go “bad,” but they may lose some of their potency over time
- FOS may cause gas in some individuals

Dosage

- 1/8 tsp (1/2 scoop) mixed in a small amount of water or liquid in the morning or at bedtime
- More may be taken as needed for discomfort
- May be taken with antibiotics to help maintain healthy balance



Probiotic Formulas Specifications



Genus / Species	Strain	Origin	Plantadophilus™	TPP Probiotic™	TPP Probiotic 42.5™	TPP Probiotic Plus™
<i>L. plantarum</i>	Lp-115	plant	2,000,000,000 cfu	3,000,000,000 cfu	8,250,000,000 cfu	6,000,000,000 cfu
<i>L. acidophilus</i>	La-14	human isolate		1,000,000,000 cfu	6,667,000,000 cfu	6,740,000,000 cfu
<i>L. salivarius</i>	Ls-33	unknown		300,000,000 cfu	6,500,000,000 cfu	4,000,000,000 cfu
<i>B. longum</i>	Bl-05	unknown		200,000,000 cfu	6,000,000,000 cfu	
<i>Bacillus coagulans</i> (aka <i>L. sporogenes</i>)	GBI-3o	green malt		380,000,000 cfu	5,500,000,000 cfu	
<i>L. casei</i>	Lc-11	dairy		225,000,000 cfu	1,500,000,000 cfu	
<i>B. bifidum</i> (grown on soy)	Bb-02	human isolate			5,000,000,000 cfu	5,000,000,000 cfu
<i>L. rhamnosus</i>	Lr-32	dairy			1,500,000,000 cfu	
<i>B. infantis</i>	n/a	unknown			1,000,000,000 cfu	6,000,000,000 cfu
<i>L. bulgaricus</i>	Lb-64	dairy			1,000,000,000 cfu	2,000,000,000 cfu
<i>B. breve</i>	Bb-03	unknown				6,000,000,000 cfu
<i>B. lactis</i>	n/a	human isolate				6,000,000,000 cfu
TOTAL ACTIVITY (per capsule)			2,000,000,000 cfu (2 billion cfu)	5,105,000,000 cfu (> 5 billion cfu)	42,917,000,000 cfu (> 42.5 billion cfu)	29,740,000,000 cfu (> 40 billion cfu)
Jerusalem Artichoke (prebiotic)		tuber		20 mg	21 mg	42 mg
Lactoferrin (antimicrobial agent)		milk		10 mg		

GLOSSARY

L. : Lactobacillus (genus)

B. : Bifidobacterium (genus)

CFU : colony forming units

Microbiota : our native flora present in the gastrointestinal (GI) tract

Probiotics : beneficial bacteria (or microorganisms) that are “administered” to impart benefit on the host*

Prebiotic : a carbohydrate or source of inulin that feeds the beneficial bacteria (i.e., Jerusalem Artichoke)

SD (Strain Deposit) : a sample of the bacteria “deposited” as the sample source for that strain so the scientific community has one source to go to if they want to test/study a specific strain

ATCC (American Type Culture Collection) : a private, nonprofit biological resource center (BRC) and research organization whose mission focuses on the acquisition, authentication, production, preservation, development, and distribution of standard reference microorganisms, cell lines, and other materials for research in the life sciences

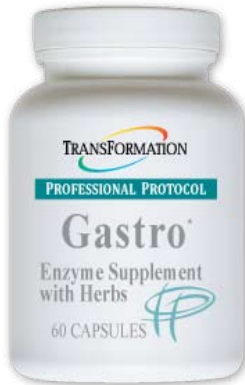
Note: The growth media for probiotics is considered proprietary information and therefore is only identified if the growth medium is a regulated allergen. The allergens are milk, egg, fish, shellfish, tree nuts, wheat, peanuts, and soybeans. The growth medium used for our probiotics is not one of these allergens.

Did You Know...? Live / Active Cultures as found in yogurt or fermented foods are technically not “probiotics” as they have not been isolated and identified with a specific genus / species / strain by the ATCC.



Digestive Discomfort Formulas

...at a glance



TPP Gastro

Transformation's nutritional digestive supplement for heartburn and discomfort in the GI tract.

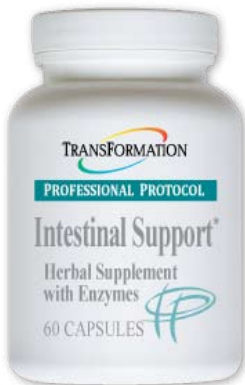
Available in 60 count bottles.



GastroZyme

Transformation's original formula for gastrointestinal discomfort.

Available in 100 count bottles.



TPP Intestinal Support

Transformation's effective anti-microbial formula for imbalances in the GI tract.

Available in 60 count bottles.



ReleaseZyme

Transformation's product for chronic constipation.

Available in 100 count bottles.

GI Discomfort

Digestive Discomfort Formulas

Notes on usage

These products have been formulated to support the digestive formulas to address chronic or persistent digestive discomfort. These formulas are a combination of herbs and enzymes. The purpose of the enzymes in these formulas is twofold: (1) to support the digestive process, and (2) to assist absorption and efficacy of the herbal ingredients.

These formulas are for specific digestive disorders and are not “stand alone” products. You will see better results when used in conjunction with the Foundation digestive formulas. Correcting the diet, addressing lifestyle habits, and implementing the basic enzyme protocol will resolve the majority of digestive challenges. These formulas are added if additional “targeted” support is needed.

General Indications for Digestive Discomfort Formulas

- Indigestion, excess gas, burping, belching
- Heartburn, Acid reflux, GERD
- Inflammatory Bowel Disorders (IBS, Crohn’s, Celiac)
- Colitis, gastritis, diverticulitis
- Diarrhea
- Constipation
- Ulcers
- Vegetarian diet

General Information

The Digestive Discomfort Formulas are:

- vegetarian and contain no known dairy, gluten, or soy
- in cellulose capsules (Capsugel™) that easily pull apart for those who cannot swallow capsules

Dosing

- In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger. However, each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formulas.
- TPP Gastro and GastroZyme may be taken with OTC or Rx anti-acids

TPP Gastro

Transformation's nutritional digestive supplement for heartburn and discomfort in the GI tract

This comprehensive formulation of herbs, vitamins, antioxidants, and enzymes is designed to soothe GI discomfort and heal damaged mucosa. It is excellent support for digestive disorders such as gastric reflux, ulcers, gastritis, and IBS.

Product Highlights

- Contains an extensive polysaccharolytic blend
- Herbs that enhance digestion and healing of the mucosa
- Additional protease to further assist with protein digestion
- Antioxidants that combat free radical damage and inflammation
- Additional lipase to further assist with fat digestion
- No fillers, contains no known dairy or gluten
- Vegetarian product, cellulose capsule

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving	% Daily Value	
Vitamin A (100% as beta carotene)	2250 IU	45%
Vitamin E (as d-alpha tocopheryl succinate)	1.5 IU	5%
Tzyme™ Polysaccharolytic Blend	150 mg	*
Phytase	60 FTU	*
Alpha-galactosidase	365 Gal U	*
Amylase	3,495 DU	*
Glucoamylase	9 AGU	*
Pectinase	20 endo-PG	*
Diastase	42 DP ^o	*
Invertase	14 SU	*
Lactase	140 ALU	*
Cellulase	40 CU	*
Hemicellulase	40 HCU	*
Tzyme™ Protease Blend (44,383 HUT)	79 mg	*
Tzyme™ AntiOx Blend (Flax Seed, Alpha-Lipoic Acid, Ginseng Root, Eleuthero Root)	24.6 mg	*
Marshmallow root extract	80 mg	*
Papaya leaf	80 mg	*
Ginger root	70 mg	*
Tumeric root	60 mg	*
Gotu Kola (areal part) extract	40 mg	*
Fennel seed	40 mg	*
Artichoke leaves extract	30 mg	*
Aloe vera leaf	15 mg	*
Irish Moss	15 mg	*
Lipase	125 FIP	*
Peppermint leaf	10 mg	*
* Daily Value not established		

Other Ingredients: Cellulose, Water, Calcium Citrate

Clinical Applications

- Heartburn
- Indigestion
- GERD (acid reflux)
- Gastritis
- Esophagitis
- Diarrhea
- Lactation* (herbs promote milk production)
- Excess mucous production

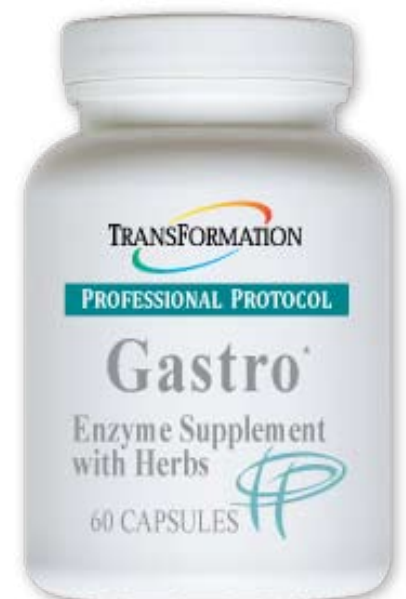
**In general, herbal formulas are not recommended during pregnancy and lactation or for children 12 years or younger. However, this particular formula has successfully been used to promote lactation in nursing mothers. Each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula.*

For Your Information

- For those who have been diagnosed with a condition or have more chronic digestive disorders (a more therapeutic comprehensive formula as compared to GastroZyme)
- Use in place of OTC anti-acids or for discomfort "above the navel"

Dosage

- 1-2 capsules with or following meals
- More may be taken as needed for digestive discomfort
- When trying to wean off of prescription drugs (proton pump inhibitors) begin taking TPP Gastro for at least a week and then gradually reduce or replace the drug with TPP Gastro



GI Discomfort

GastroZyme

Transformation's original formula for gastrointestinal discomfort

This formula focuses on the health and repair of the mucosal lining of the GI tract, respiratory system, and urinary tract system. It helps control diarrhea, excess mucous production, and soothes urinary discomfort.

Product Highlights

- Simple, well-tolerated formula
- Enzyme blend: amylase, lipase, and cellulase only (no protease)
- Herbs are very soothing and healing to the mucosal lining
- No fillers, contains no known dairy, gluten, or soy
- Vegetarian product, cellulose capsule

SUPPLEMENT FACTS		
Serving Size 2 Capsules		
Amount Per Serving	% Daily Value	
Enzyme Proprietary Blend	55 mg	*
Amylase	5,000 DU	*
Lipase	605 FIP	*
Cellulase	800 CU	*
Marshmallow Root	190 mg	*
Papaya Leaf	190 mg	*
Prickly Ash Bark	110 mg	*
Gota Kola (aerial part)	95 mg	*

* Daily Value not established
Other Ingredients: Cellulose, Water

Clinical Applications

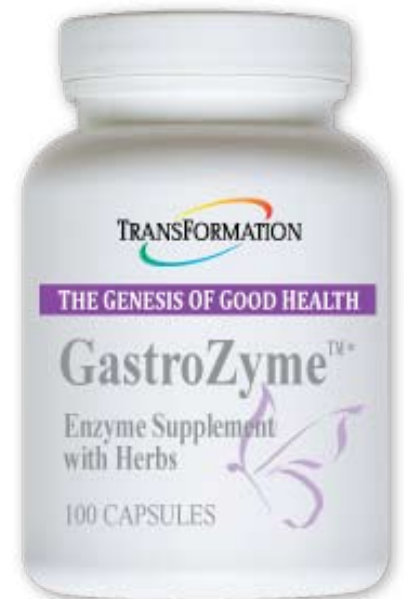
- First choice for chronic diarrhea and extremely sensitive GI tracts
- Inflammation of the upper and lower GI tract
- Inflammation and discomfort associated with UTI
- Excess mucous production, allergies, colds, asthma, and sinus congestion

For Your Information

- The first choice for sensitive patients, this product is well tolerated and works fast to relieve discomfort
- May be used in place of OTC anti-acids
- Good for discomfort "below the navel"
- In general, herbal formulas are not recommended during pregnancy and lactation or for children 12 years or younger; each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula
- In rare cases, Gota Kola may cause heart palpitations

Dosage

- Maintenance dose: 3 capsules at bedtime
- General therapy dose: take a digestive formula at the beginning of each meal and 3 capsules of GastroZyme at the end of each meal
- Therapeutic dose: chronic diarrhea and severe pain, take 3 capsules at beginning of meal, 3 capsules at end of meal, and 3 capsules at onset of each episode of diarrhea (our experience is that this, along with diet modifications, typically resolves the problem in 3-7 days)
- More may be taken as needed for discomfort



TPP Intestinal Support

Transformation's effective anti-microbial formula for imbalances in the GI tract

Yeast / Fungal Detoxification has a new name! This support formula designed to eliminate the growth and prevent recurrence of invading organisms is excellent for the correction of candidiasis and imbalances in intestinal microflora.

Product Highlights

- Herbs and nutrients specific for anti-fungal protection and immune system support
- Enzyme Blend (EDS)
- Vegetarian product, cellulose capsule
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving	% Daily Value	
Zinc (as zinc citrate)	5 mg	33%
Selenium (as selenium citrate)	10 mcg	14%
Caprylic acid	125 mg	*
Echinacea augustifolia root	50 mg	*
Grapefruit seed extract	35 mg	*
Garlic bulb concentrate	35 mg	*
Oregano leaf	34 mg	*
Pau d'Arco bark	25 mg	*
Tzyme™ Enzyme Blend (Protease, Phytase, alpha-Galactosidase, Glucoamylase, Pectinase, Peptidase, Cellulase, Hemicellulase)	25 mg	*
Chlorophyll	12.5 mg	*

* Daily Value not established

Other Ingredients: Cellulose, Water

Clinical Applications

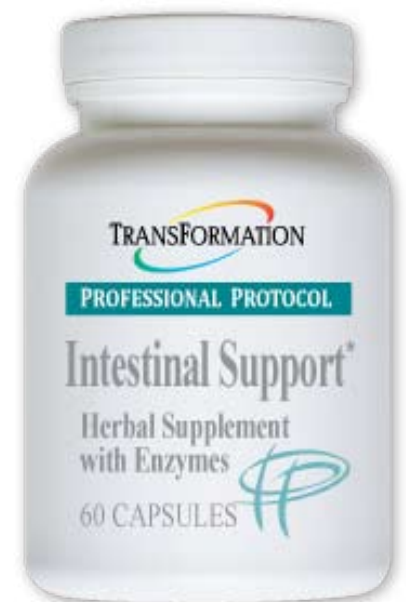
- Candida
- Thrush
- Vaginal yeast infections
- Fungal infections on skin and toes
- Excess gas and bloating in intestines related to flora imbalance (dysbiosis)

For Your Information

- Well-tolerated formula containing natural herbs and enzymes
- Diet and probiotics are very important, as microbial imbalances in the GI tract often arise due to antibiotic use combined with poor dietary choices
- In general, herbs are not recommended during pregnancy/ lactation or for children 12 years or younger; each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula

Dosage

- 1 capsule 3 x day with food
- After first week, increase to 2 caps 3 x day for up to one month
- For short term use only (1 week to 1 month)
- For chronic infections, use intermittently



GI Discomfort

ReleaseZyme

Transformation's product for chronic constipation

For those with chronic constipation, this herbal enzyme blend will gently but effectively "jump start" the sluggish colon, taking the burden of bowel toxicity off of the immune system, kidneys, lungs, liver, and skin.

Product Highlights

- Enzyme blend: amylase, lipase, cellulase, protease
- Herbs known for stimulating peristalsis, absorbing moisture, and providing bulk in the colon
- No fillers
- Contains no known dairy, gluten, or soy
- Vegetarian product, cellulose capsule

SUPPLEMENT FACTS		
Serving Size 2 Capsules		
Amount Per Serving	% Daily Value	
Enzyme proprietary blend	116 mg	*
Amylase	5,000 DU	*
Lipase	360 FIP	*
Cellulase	800 CU	*
Protease	6,000 HUT	*
Cascara Sagrada Bark	300 mg	*
Psyllium Seed Husk	167 mg	*
Ginger Root	60 mg	*
Fennel Seed	60 mg	*
Burdock Root	20 mg	*
Senna Leaf	20 mg	*
Goldenseal Root	20 mg	*

* Daily Value not established
Other Ingredients: Cellulose, Water

Clinical Applications

- Chronic constipation (those who have experienced constipation all their life and/or for a long time)
- Constipation (fewer than 1 bowel movement per day and/or hard dry stools)
- Bowel regularity (the goal is 2-3 soft, formed stools per day)
- Support of a colon cleanse or detoxification program
- Note: diet, lifestyle, and water intake are very important factors in resolving constipation

For Your Information

- Some patients experience minor cramping as the colon muscle is stimulated and retrained.
- Long term use is not recommended, only use for 1-3 months (the goal is to retrain the colon to do its job and then allow the digestive system to eliminate on its own)
- Herbs may cause Malanosis coli (benign temporary staining of the colon wall)
- In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger; each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula
- This product does not lead to physical dependency

Dosage

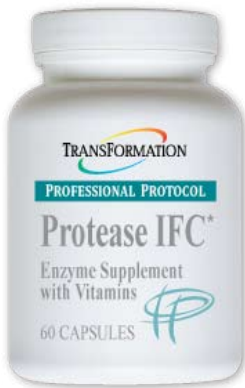
- Start with 2 capsules after evening meal or at bedtime, taken with 8 ounces of water
- Aggressive dose: 2 capsules after every meal and 3 capsules at bedtime (for 1-2 weeks)





Inflammation Control & Repair Formulas

...at a glance



TPP Protease IFC

Transformation's product for inflammatory control. Available in 60 and 120 count bottles.



RepairZyme

Transformation's formula for tissue repair. Available in 45 count bottles.



TPP EFA 1200mg

Transformation's omega 3 fatty acid product. Available in 60 count bottles.

Inflammation

Inflammation Control & Repair Formulas

Notes on usage

How do Inflammation Control & Repair Formulas impact overall health?

- **Anti-Inflammatory Support** - The antioxidants, EFAs, and systemic enzymes in these unique products are known for their anti-inflammatory properties and ability to reduce fibrin in the blood stream.
- **Nutritional Support** - The vitamins, minerals, and herbs in these combined formulas provide the building blocks and necessary components for complete cellular and tissue repair and re-generation.
- **Enzyme Delivery System** - Included are GI tract stable and functional proteases, lipases, and various carbohydrases to facilitate the delivery and utilization of the nutrients and herbs in these formulas. This unique delivery system has been designed to provide safe, efficient, and effective therapy for you and your patients.

General Indications for the Inflammation Control & Repair Formulas

- Prevention, wellness, and anti-aging
- Cardiovascular health (high cholesterol, hypertension, inflammation)
- Auto-immune disorders
- Acute inflammation (injuries, gout, muscle fatigue and recovery)
- Chronic inflammation (arthritis, fibromyalgia, body aches and pains)
- Compromised immune system (cancer, infections, allergies)
- Taken together they work synergistically for repair of the bodily systems

General Information

- This category of formulas contains no known dairy or gluten
- Non vegetarian - EFAs are from fish oil, SOD in Protease IFC is from bovine liver
- In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger. However, each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formulas.

TPP Protease IFC

Transformation's product for inflammatory control

This unique formulation of highly active proteolytic enzymes and antioxidants is designed to help regulate inflammation anywhere on or in the body. This product is ideal for muscle aches, pains, injuries, and stiff joints as well as to promote cardiac health and is applicable for any other inflammatory conditions.

Product Highlights

- Antioxidants (A, C, E, Se, Zn) plus antioxidant blend to combat damage from oxidative stress, modulate the immune system, and reduce inflammation
- 323,356 HUT of protease (3,108,000 PU = 265,000 HUT) emphasizing bromelain and papain for inflammation
- Rutin, Quercetin, Tumeric, and Hesperidin are well known for anti-inflammatory properties
- Non-vegetarian (SOD from bovine liver)
- Contains no known dairy or gluten
- Cellulose capsule

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving	% Daily Value	
Vitamin A (100% as beta carotene)	7,900 IU	158%
Vitamin C (as magnesium ascorbate)	9 mg	15%
Vitamin E (as d-alpha tocopheryl succinate)	2 IU	7%
Zinc (as zinc citrate)	0.5 mg	3%
Selenium (as selenium citrate)	16 mcg	23%
Tzyme™ Protease Blends (58,359 HUT) (3,108,000 FCCPU) (acid, neutral, alkaline, exo/endo proteases, bromelain, papain)	182 mg	*
Tzyme™ AntiOx Blends (Kelp, Irish moss, Rutin, Grape seed extract, Quercetin, Alpha-lipoic acid, Citrus bioflavonoid complex, Rose hips (fruit), SOD, Hesperidin complex, Tumeric root, L-glutathione, Asian ginseng (root), Eleuthero (root), CoQ10, Gingko biloba leaf, Green tea extract, Catalase, Flaxseed, Gingko biloba leaf extract, Lycopenes, Lutein)	272 mg	*

* Daily Value not established

Other Ingredients: Cellulose, Water, Calcium Citrate

Clinical Applications

- Prevention, wellness, and anti-aging
- Auto-immune disorders
- Sore muscles after exercise or sports activities
- Recovery post-surgery and post-injury
- Cardiovascular health
- Skin disorders (eczema, psoriasis, rosacea)
- Inflammatory bowel disorders

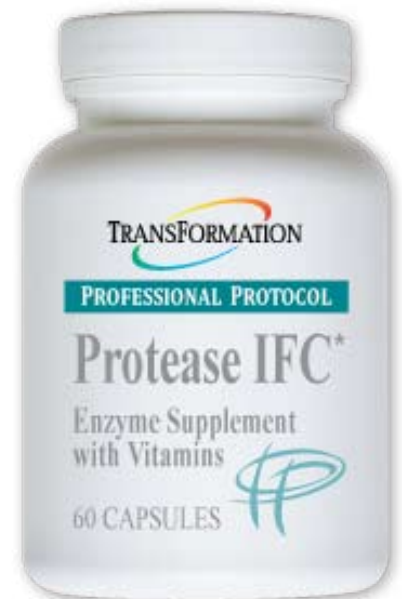
**In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger. However, each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula.*

For Your Information

- This formula is applicable to everyone, as inflammation is a common denominator in nearly all illnesses and disease
- This product is very well tolerated
- Beta carotene (Vitamin A) toxicity is rare – research suggests caution with long-term intake greater than 10 times of the RDA
- Transformation has observed reduced recovery time (post-surgery and post-injury) when combining Protease IFC with RepairZyme
- When taken together in equal amounts, Protease IFC and RepairZyme work synergistically to speed recovery from serious injury

Dosage

- Maintenance dose: 1 capsule 2-3 x day in conjunction with the basic protocol
- Chronic inflammation: 3 capsules 3 x day
- Acute injury: 3-5 capsules 4-5 x day



Inflammation

RepairZyme

Transformation's formula
for tissue repair

This formula provides necessary building blocks for healthy growth of muscle, skeletal structure, and tissue. It facilitates repair of stressed or injured muscles, bones, tendons, and tissue. It is also wonderful for the healing of skin disorders.

Product Highlights

- Enzyme blend of protease, lipase, amylase, and cellulase (Enzyme Delivery System)
- Nutrient-rich ingredients: vegetables, fruit, and herbs
- Mojave yucca and butcher's broom provide anti-inflammatory and antioxidant benefits
- Proprietary mineral blend
- Vegetarian product, cellulose capsule
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS	
Serving Size 1 Capsule	
Amount Per Serving	% Daily Value
Enzyme Proprietary Blend	30 mg
Lipase	140 FIP *
Cellulase	280 CU *
Amylase	560 DU *
Protease	1,740 HUT *
Broccoli (flowering head)	95 mg *
Carrot	95 mg *
Spinach Leaf	95 mg *
Grape Seed Extract	50 mg *
Mojave yucca	55 mg *
Butcher's Broom (herb)	36 mg *
Rose Hips (fruit)	36 mg *
EDS Proprietary Mineral Blend (Kelp, Magnesium citrate, Calcium ascorbate, Zinc gluconate, Manganese gluconate)	5.5 mg *

* Daily Value not established

Other Ingredients: Cellulose, Water

Clinical Applications

- For any condition in which tissue repair is needed
- Surgery, injury
- Muscle strain from exercise or sports
- Skin repair (eczema, psoriasis, rosacea)

For Your Information

- Concise, well tolerated formula of nutrient dense foods plus an EDS (enzyme delivery system)
- Works great in combination with TPP Protease IFC
- In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger; each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula

Dosage

- Acute injury: 3 capsules 3-4 x day
- General dose: 2 capsules 2-3 x day



TPP Essential Fatty Acids (1200mg)

Transformation's omega 3 fatty acid product

These essential fatty acids are from fish oil concentrate with vitamin E and are a good source of DHA and EPA omega 3's known for their many health benefits.

Product Highlights

- Highly purified fish oil
- Contains no enzymes
- TPP EFA 1200mg provides an EPA/DHA ratio of 1.5:1
- Gelatin softgels
- Non-vegetarian

SUPPLEMENT FACTS		
Serving Size 1 Softgel		
	Amount Per Serving	% Daily Value
Calories	13	
Calories from Fat	11	
Total Fat	1 g	1%*
Marine Lipid Concentrate	1.2 g	†
Eicosapentaenoic Acid (EPA)	360 mg	†
Docosahexaenoic Acid (DHA)	240 mg	†

† Daily value not established

* Percent Daily Values based on 2,000 calorie diet

Other Ingredients: Gelatin, Glycerin, Purified Water, Mixed Tocopherols (to maintain freshness).

Clinical Applications

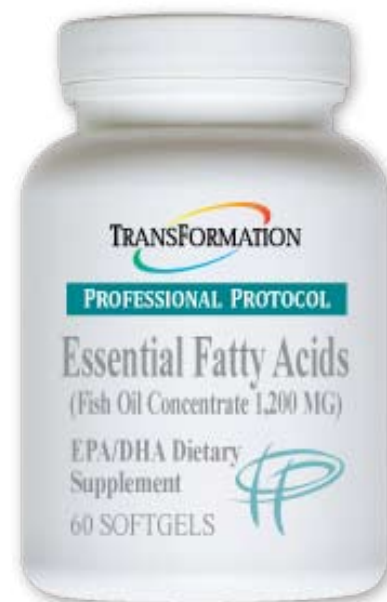
- Heart disease
- Inflammatory conditions
- Allergies
- Vision health
- Skin disorders
- Hormone imbalances
- Neurological disorders
- Prevention and wellness

For Your Information

- The fish comes from Canada, Norway, and Peru. There is a predominance of anchovies in those regions which is the main species used. The sardines would be second and very little mackerel if any.
- Highly purified fish oil, < 0.1 ppm for lead, mercury, and cadmium
- Tolerated best with food and with a high lipase digestive formula (i.e., TPP Digest, LypoZyme, or TPP Lypo)

Dosage

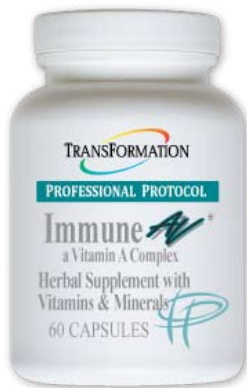
- Maintenance dose: 1 TPP EFA 1200mg 1 x day with meals
- Therapeutic dose: 1 TPP EFA 1200mg 3 x day with meals



Inflammation

Immune System Support Formulas

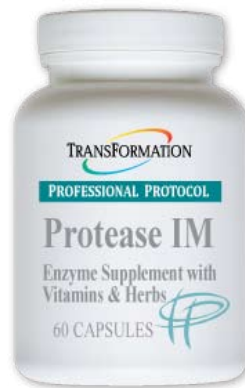
...at a glance



TPP Immune AV: a Vit. A Complex

Transformation's herbs and enzymes to support viral detoxification.

Available in 60 count bottles.



TPP Protease IM

Transformation's product specifically designed for immune system support.

Available in 60 count bottles.



Vitamin C Complex

Transformation's buffered Vitamin C and antioxidant formula in a powdered form.

Available in 6.3 ounce bottles.



Immune System Support Formulas

Notes on usage

How do Immune System Support Formulas impact overall health?

Transformation's Immune System Support products are designed and intended to give specific support to help the immune system fight infections and rid the body of pathogens. They are meant to be used in conjunction with Transformation's foundation protocol (Digestive, Proteolytic, Probiotic) as needed to prevent an infection or hasten the recovery process.

General Indications for Immune System Support Formulas

- Frequent colds
- Sinus infections
- Viral infections (pneumonia, herpes, hepatitis C, HIV)
- Candida, thrush
- Weakened immune system

General Precautions

- Detox products are not to be given to children under 12 years of age
- Detox products are not for pregnant and lactating mothers
- Detox products are best tolerated when taken with food
- Detox products are not intended for long term use

TPP Immune AV

a Vitamin A Complex

Transformation's herbs and enzymes to support viral detoxification

This formula is designed to provide maximum anti-viral protection and optimum immune system support. It is ideal for reoccurring infections, colds, fevers, and weakened immunity.

Product Highlights

- Antioxidants supportive of a healthy immune system
- Herbs specific for their anti-viral properties
- Enzyme Blend (EDS)
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving	% Daily Value	
Vitamin A (as Vitamin A palmitate and 17% as beta-carotene)	6,000 IU	120%
Vitamin C (ascorbic acid)	100 mg	167%
Zinc (as zinc citrate)	5 mg	33%
Selenium (as selenium citrate)	50 mcg	71%
Copper (as copper citrate)	1 mg	50%
L-lysine HCl	75 mg	*
Astragalus root	25 mg	*
Licorice root	25 mg	*
Pau d' Arco bark	25 mg	*
Tzyme™ Enzyme Blend (Protease, Phytase, alpha-Galactosidase, Glucoamylase, Pectinase, Peptidase, Cellulase, Hemicellulase)	50 mg	*

* Daily Value not established

Other Ingredients: Gelatin, Water

Clinical Applications

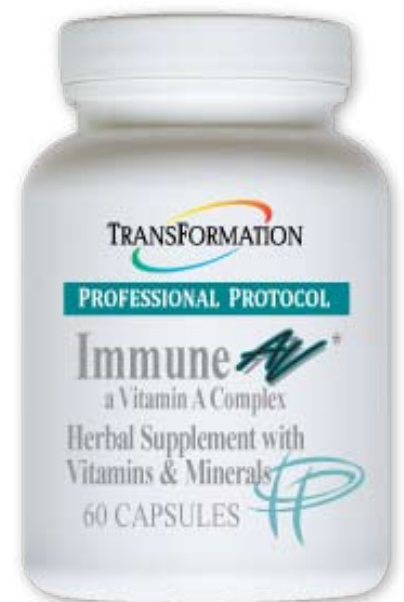
- Pneumonia (prevention during flu season and acute infection)
- Hepatitis
- Herpes
- HIV
- Other viral infections

For Your Information

- Works best in combination with TPP Protease IM
- Very important to take with food, as the herbs may create nausea on empty stomach
- In general, herbs are not recommended during pregnancy/ lactation or for children 12 years or younger; each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula
- Has been used successfully along with basic protocol to control viral count in Hep C patients

Dosage

- 1 capsule 2 x day with food
- More may be taken based on tolerance up to 2 capsules 3 x day for short term
- Short term use only (1 week to 1 month)
- For chronic infections use intermittently



Immunity

TPP Protease IM

Transformation's product specifically designed for immune system support

This formula can be recommended for conditions such as recurrent or chronic infections in which the immune system has been weakened or compromised. Also helpful to support immune function and shorten the duration of an acute infection.

Product Highlights

- Vitamin and mineral antioxidants support healthy immune function
- Herbs known for their ability to help strengthen the immune system
- Raw bone marrow and thymus support the production of immune cells
- Enzyme blend for the delivery of glandulars and nutrients (includes 10,000 HUT protease)
- Non-vegetarian formula in gelatin capsule
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving		% Daily Value
Vitamin A (as beta-Carotene & Vit. A palmitate)	1750 IU	35%
Vitamin C (ascorbic acid)	125 mg	208%
Zinc (as zinc citrate)	2 mg	13%
Astragalus root	50 mg	*
Echinacea purpurea root	20 mg	*
Thymus Substance	20 mg	*
Red Clover Tops	20 mg	*
Goldenseal Root	20 mg	*
Raw Bone Marrow	20 mg	*
Quercitin	20 mg	*
Eleuthero (root)	10 mg	*
Tzyme™ Enzyme Blend (Protease, Lipase, Phytase, alpha-Galactosidase, Gluco-amy-lase, Pectinase, Peptidase, Cellulase, Hemicellulase)	40 mg	*

* Daily Value not established

Other Ingredients: Gelatin, Water

Clinical Applications

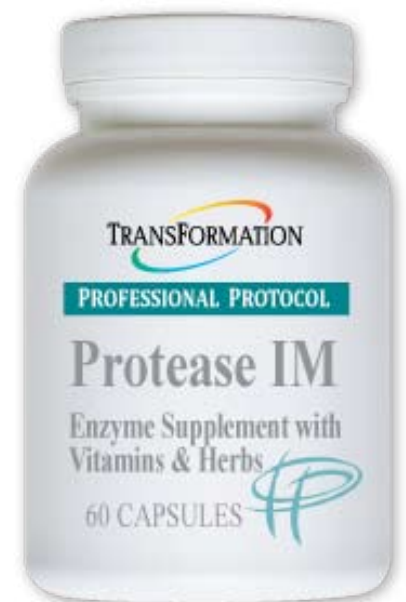
- Weakened or challenged immune system
- Bacterial infections
- Viral infections
- Fungal infections
- Fever
- Proactive immune support during times of increased stress

For Your Information

- Not to be taken indefinitely: cycle "on" for 2-3 weeks, "off" for 1 month
- For those needing additional immune support, increase the dosage of TPP Protease (or PureZyme) and TPP Probiotic (or Plantadophilus)
- The synergistic Vitamin C Complex formula may also be added for additional antioxidant benefits

Dosage

- Therapeutic dose: 3 capsules 2 x day
- General dose: 1 capsule 2 x day
- Some find better tolerance when taken with food



Vitamin C Complex

Transformation's buffered Vitamin C and antioxidant formula in a powdered form

This excellent antioxidant formula provides the necessary nutrients to support the immune system and reduce free radical damage associated with degenerative diseases. The Vitamin C from Cassave is in an easily assimilated, buffered blend supporting pH balance.

Product Highlights

- 1440 mg of buffered Vitamin C in 1 scoop
- Vegetarian product, no capsule
- Nutrient blend: vitamins, minerals, and antioxidants
- Enzyme blend (EDS)
- Natural orange flavor
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 1 scoop (30 per bottle)		
Amount Per Serving	% Daily Value	
Vitamin C (from Cassave)	1440 mg	2400%
Vitamin E (as d-alpha tocopheryl succinate)	50 IU	166%
Calcium (as calcium citrate)	100 mg	10%
Magnesium (as magnesium ascorbate)	160 mg	40%
Zinc (as zinc citrate)	5 mg	33%
Selenium (as selenium citrate)	100 mcg	143%
Chromium (as chromium picolinate)	50 mcg	41%
Molybdenum (as AAC)	100 mcg	133%
Sodium (as sodium bicarbonate)	190 mg	8%
Potassium (as potassium citrate)	35 mg	1%
Hesperidin complex (35% bioflavonoids)	64 mg	*
Vanadium Citrate	85 mcg	*
Alpha-lipoic acid	13 mg	*
Tzyme™ Enzyme Blend	50 mg	*
Protease	10,240 HUT	*
Phytase	18 FTU	*
Pectinase	6 PGU	*
Alphagalactosidase	96 GalU	*
Glucoamylase	1.8 AGU	*
Hemicellulase	12 HCU	*
Cellulase	12 CU	*

* Daily Value not established
Other Ingredients: Organic Cane Sugar, Natural Orange Flavors, Organic Stevia

Clinical Applications

- Prevention, wellness, and anti-aging
- Any infection or condition challenging the immune system and major organ systems
- Prevention or hastening of colds or flu
- Oxidative stress

**In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger. However, each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula.*

For Your Information

- For those who have never taken a powdered Vitamin C product, a large dose at one time may cause bowel flush
- Subtle orange flavor, not tart or sweet (bland)
- Approximately 30 scoops per container
- Tip for mixing: first add a small amount of liquid to moisten the powder, then add remaining liquid to achieve desired consistency
- Research finds up to 10 gm/day of Vitamin C is safe

Dosage

- Initial dose: ¼ to ½ scoop 2 x day mixed in 4 ounces water or juice
- Gradually increase dose to 1-2 tsp per day as tolerated





Cell Nutrition Formulas

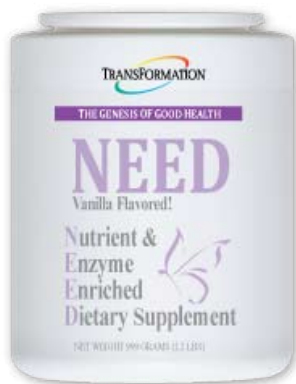
...at a glance



TPP Mineral Complex

Transformation's multi-mineral formula.

Available in 30 count bottles.



N.E.E.D.

Transformation's nutrient and enzyme enriched protein powder drink.

Available in 2.2 lb containers.



Super CellZyme

Transformation's all natural whole food vitamin and mineral supplement with enzymes for delivery and absorption.

Available in 90 count bottles.



Cell Nutrition Formulas

Notes on usage

How do Cell Nutrition Formulas impact overall health?

Transformation's Cell Nutrition formulas are designed to provide nutrients needed to promote the health and integrity of the cell. These formulas all contain an enzyme delivery system (EDS) to enhance absorption and utilization of the nutrients, herbs, vitamins, minerals, and antioxidants in the formulas. Large "mega" doses of any one ingredient are not necessary when an EDS is included. This minimizes the risk of toxicity and promotes the philosophy of supporting the body to manage its resources and not overload the system.

General Indications for Cell Nutrition formulas

- Poor diet / limited diet
- pH imbalance
- Mal-nutrition
- Conditions that demand greater nutrition
- Oxidative stress
- Prevention, wellness, anti-aging

General Information

- All natural where possible
- Small doses with EDS to avoid excess

TPP Mineral Complex

Transformation's
multi-mineral formula

This supplement is a synergistic blend of minerals, vitamins and enzymes that supply the nutritional core elements the body needs for a healthy skeletal system and optimal metabolic processes.

Product Highlights

- Key minerals and nutrients needed for optimal systemic and cellular health based on current research and the fundamentals of human nutrition
- Unique enzyme blend for maximum delivery and absorption (includes 20,000 HUT of protease)
- Whole food sources of vitamins, antioxidants and minerals for natural support and balance
- Vegetarian product, cellulose capsule
- Contains no known dairy, gluten, or soy
- NO fillers

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving		% Daily Value
Vitamin C (from acerola and rosehips fruit ext.)	20 mg	33%
Vitamin B6 (as pyridoxine hydrochloride)	10 mg	500%
Calcium (as calcium amino acid chelate)	100 mg	10%
Magnesium (as magnesium amino acid chelate)	20 mg	5%
Zinc (as zinc citrate)	12 mg	80%
Selenium (as selenium complex)	100 mcg	143%
Manganese (as manganese citrate)	5 mg	250%
Chromium (as chromium polynicotinate)	100 mcg	83%
Tzyme™ Enzyme Blend (Protease, Pectinase, Peptidase, Phytase, Glucoamylase, Alpha-galactosidase, Hemicellulase, Cellulase)	152 mg	*
Flax Seed	116 mg	*
Alpha-lipoic Acid	25 mg	*
Kelp Algae (Ascophyllum nodosum)	0.15 mg	*
Boron (as boron citrate)	5 mcg	*
* Daily Value not established		
Other Ingredients: Cellulose, Water		

Clinical Applications

- Bone and joint health, osteoporosis
- Leaky gut, Crohn's, IBS, Celiac disease
- Heavy metal toxicity, antioxidant protection
- ADHD, autism, depression, mood disorders
- Energy metabolism
- Blood sugar imbalances, glucose intolerance
- Prostate, thyroid health
- Muscular, cardiovascular and skeletal system health
- Endocrine, reproductive and nervous system health

For Your Information

- Minerals are inorganic substances found in the soil and water that become part of all plant and animal life, ultimately making their way into our food supply and thus nourishing our bodies
- The chelate and citrate forms of the minerals in Mineral Complex are more readily absorbable and bioavailable
- This formula is not recommended during pregnancy, lactation or for children under 12.

Dosage

- 1 cap 1 x day, first thing in the morning



N.E.E.D.

Transformation's nutrient and enzyme enriched protein powder drink

This powdered drink formula contains all the essential vitamins, minerals, protein, and enzymes to promote a healthy lifestyle. It may be used as a meal replacement in weight loss programs, or for nutritional support post surgery or cancer treatment.

Product Highlights

- Only 2 gm fat per serving
- Sweetened with fructose (fruit sugar)
- Whey protein: 10 gm protein per scoop
- Provides 100% RDA for most vitamins and minerals
- Contains no known soy or gluten
- Non-vegetarian (whey protein is from dairy)
- Enzyme blend (EDS)
- Vanilla flavor

SUPPLEMENT FACTS			
Serving Size 1 Level Scoop (approx. 33g)			
Servings Per Container approx. 30			
Amount Per Serving		% Daily Value	
Calories	134		
Calories from Fat	18		
Total Fat	2 g	3%**	
Saturated Fat	1 g	5%**	
Cholesterol	5 mg	2%**	
Total Carbohydrate	21 g	5%**	
Dietary Fiber	0 g	0%**	
Sugar	12 g	0%**	
Protein	10 g		
Vitamin A	100%	Folic Acid	100%
Vitamin C	100%	Sodium	5%
Calcium	22%	Magnesium	25%
Vitamin B1 (Thiamine)	100%	Manganese	35%
Vitamin B2 (Riboflavin)	100%	Potassium	2%
Vitamin B3 (Niacin)	100%	Zinc	35%
Vitamin B5 (Calcium Pantothenate)	100%	Copper	100%
Vitamin B6	100%	Phosphorus	10%
Vitamin B8 (Biotin)	100%	Iodine	100%
Vitamin B12	100%	Selenium	100%
Vitamin D	100%	Chromium	100%
Vitamin E	100%	Molybdenum	100%
Vitamin K	100%	Chloride	2%
Iron	7%	Taurine	25mg*
		Alpha Lipoic Acid	25mg*
TZyme™ Enzymatic Blend		200mg*	
(Proteases, Glucoamylase, Alpha-galactosidase, Phytase, Peptidase, Amylase, Lipase, Bromelain, Invertase, Macerage, Xylanase, Pectinase, Papain, Diastase, Lactase, Cellulase, Hemicellulase)			
* Daily Value not established			
** Percent Daily Values are based on a 2,000 calorie diet			

Clinical Applications

- Meal replacement in weight loss (must be mixed with milk for adequate nutrition)
- Nutritional stress due to active lifestyle
- Medical procedure support

Other Ingredients: Maltodextrin, Hydrolysed Whey Protein (amino acids), MCT Oil, Natural Vanilla Flavor, Fructose, Calcium Citrate.

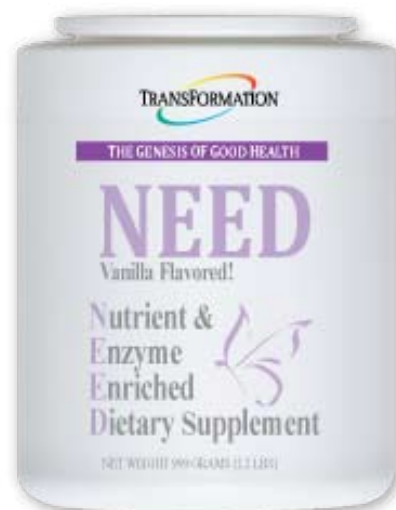
This product contains "milk" derived ingredients. Individuals, who are allergic to "milk" products, may experience food allergies with this product.

For Your Information

- May be mixed with fruit juice, fruit, or yogurt to make a smoothie
- Recipes available upon request
- Available in 2.2 lb (30 scoops) containers

Dosage

- Meal replacement: 1-2 scoops 1 x day mixed with milk, soy milk, or rice milk
- Nutritional support during medical procedures: 1-2 scoops 3 x day



Super CellZyme

Transformation's all natural whole food vitamin and mineral supplement with enzymes for delivery and absorption

This whole food vitamin and mineral supplement is formulated with enzymes to facilitate the absorption of these nutrients. This is the best enzyme-based whole food vitamin and mineral supplement available.

Product Highlights

- Enzyme blend (EDS)
- Food source vitamins and minerals – not a “mega dose”
- Wheat germ is one of the most nutrient-dense food sources available*
- Contains no known dairy or soy
- Vegetarian product, cellulose capsule

SUPPLEMENT FACTS		
Serving Size 3 Capsules		
Amount Per Serving	% Daily Value	
Vitamin C	7.8 mg	13%
Enzyme Proprietary Blend	128 mg	*
Lipase	338 FIP	*
Cellulase	1,050 CU	*
Amylase	2,070 DU	*
CereCalase® (Hemicellulase, beta-glucanase, phytase)	15 mg	*
Pectinase	300 MU	*
Protease	18 endo-PGU	*
Glucosylase	6,900 HUT	*
Glucosylase	4 AGU	*
Broccoli (flowering head)	300 mg	*
Carrot	300 mg	*
Spinach Leaf	300 mg	*
Rose Hips (fruit)	234 mg	*
Acerola (fruit)	150 mg	*
Barley Grass	150 mg	*
Garlic (bulb)	150 mg	*
Green Pepper (fruit)	150 mg	*
Wheat Germ	90 mg	*
Blue Green Algae	60 mg	*
Chlorella Algae	60 mg	*
Kelp	60 mg	*
Flax Seed	30 mg	*
* Daily Value not established		

Other Ingredients: Cellulose, Water

For Your Information

- Super CellZyme is a “whole food” product – the food sources contain various vitamin and mineral complexes within themselves, and there is no way to determine exact milligram amounts of each
- This formula is not meant to be a mega dose of any one nutrient – if specific nutrient needs are known, then a product that provides those specific nutrients should be used
- Wheat “germ” does not have to do with bacteria, but refers to the complex process of germination that forms the wheat grass

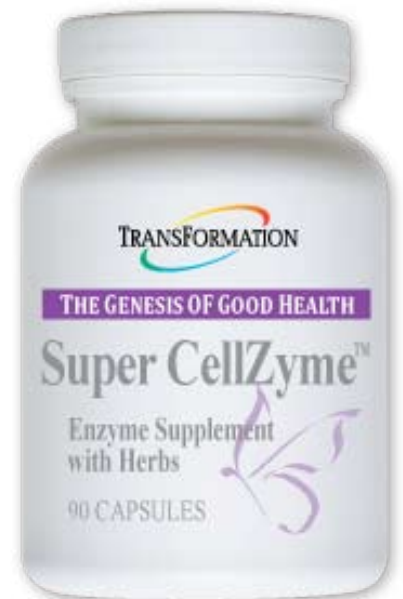
Dosage

- Maintenance dose: 3 capsules daily
- Some like to take all 3 capsules first thing in the morning, others prefer to take 1 capsule 3 x day with meals
- For those with increased needs, double dosage to 6 caps daily

Clinical Applications

- Poor diet, limited diet
- Mal-nutrition
- Low energy
- Stressful lifestyle

*Wheat germ contains 23 nutrients with more nutrients per ounce than any other vegetable or grain. It is very high in protein and contains more potassium and iron than any other food source. Also found in great quantities are riboflavin, calcium, zinc, magnesium, and vitamins A, B1, B3, and B12, which are very important to maintaining energy levels and healthy muscles, organs, hair, and skin.



Detoxification Formulas

...at a glance

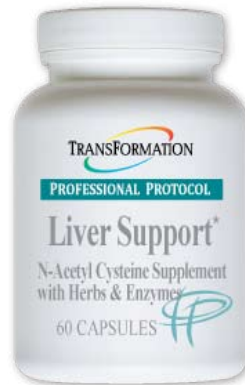


Detoxification



TPP Heavy Metal Defense

Transformation's product for heavy metal detoxification. Available in 60 count bottles.



TPP Liver Support

Transformation's product for liver health and detoxification. Available in 60 count bottles.



H-Drain

Transformation's product for circulatory drainage. Available in 1 oz bottles.



K-Drain

Transformation's product for kidney drainage. Available in 1 & 4 oz bottles.



L-Drain

Transformation's product for lymphatic drainage. Available in 1 & 4 oz bottles.

Detoxification Formulas

Notes on usage

Enzyme therapy, and proteases specifically, will automatically support the body's natural detoxification systems. A protease formula is a must with all "detox" formulas to assist and support the body and organs to remove the toxic debris from the system. These formulas are therefore generally not recommended until the Foundation protocol has been started.

The three drainage products (L-Drain, K-Drain, and H-Drain) have also been found helpful in removing toxicity completely from the body and are therefore included in this category.

In general, we do not recommend taking the detox formulas simultaneously or indefinitely. If desired results are not achieved, consider the individual and their source of toxicity (i.e., diet, lifestyle, environment, compliance).

General Indications for Detoxification Formulas

- Any form of toxicity
- Lymphatic congestion (sedentary lifestyle)
- Lymphedema
- Heavy metals in the mouth or environment
- Drug / alcohol abuse
- Liver / kidney stress
- Bowel toxicity

General Information

- Detoxification and drainage products contain herbs and are not to be used during pregnancy or lactation
- Detoxification and drainage products contain herbs and are not to be given to children under the age of 12
- Detoxification capsule formulas are best tolerated when taken with food

TPP Heavy Metal Defense

Transformation's product for heavy metal detox

This formula is specifically formulated to bind with heavy metals and help the body eliminate toxicity. Additionally, it provides liver support and replacement of minerals often depleted by heavy metal toxicity.

Product Highlights

- Chlorella is an important antioxidant with anti-inflammatory and liver cleansing benefits
- L-cystien and L-methionine are amino acids that bind with heavy metals
- Apple pectin is a fiber carrier
- Kelp algae replaces vital minerals
- Probiotics for elimination
- Enzyme blend (EDS) contains approx. 7,000 HUT
- Vegetarian product, cellulose capsule
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving		% Daily Value
Vitamin C (as ascorbic acid)	100 mg	167%
Chlorella	125 mg	*
L-Cysteine HCl	30 mg	*
Tzyme™ Enzyme Blend (Protease, Phytase, alpha-Galactosidase, Glucoamylase, Pectinase, Peptidase, Cellulase, Hemicellulase)	24 mg	*
L-Methionine	22.5 mg	*
Sodium alginate	22.5 mg	*
Apple Pectin	10 mg	*
Kelp Algae	10 mg	*
Lactobacillus casei	5 mg	*
Lactobacillus acidophilus	5 mg	*

* Daily Value not established

Other Ingredients: Cellulose, Water

Clinical Applications

- Heavy metal toxicity
- Nervous system disorders
- Digestive disorders

**In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger. However, each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula.*

For Your Information

- Works on any divalent or polyvalent cations (heavy metals)
- This is a less aggressive, more gentle approach than chelation therapy, but takes longer
- Monitor for signs of rapid detox or intolerance such as headaches, skin rash, diarrhea, fatigue, metal taste in mouth, and changes in liver or kidney function
- Be sure patient is drinking enough water
- L-Drain, K-Drain, and proteases are helpful to lessen stress on kidney and liver and will help limit detox symptoms

Dosage

- 1 cap 2 x day with food
- Start slow and monitor tolerance
- May increase as needed and as tolerated
- Recommended to be taken in conjunction with a protease formula (i.e., TPP Protease or PureZyme)



Detoxification

TPP Liver Support Transformation's product for liver health and detoxification

The liver plays a vital role in digestion, hormone regulation, and detoxification. This formula promotes optimum liver function by removing imbedded toxic materials & supporting its normal regeneration sequence.

Product Highlights

- Antioxidants protect the liver and promote hepatic cell regeneration
- Specific herbs and nutrients known for liver health and support of detoxification
- Enzyme blend (EDS)
- Vegetarian product, cellulose capsule
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving	% Daily Value	
Vitamin A (as Vitamin A palmitate)	1000 IU	20%
Selenium (as selenium citrate)	25 mcg	35%
N-acetyl cysteine	75 mg	*
Milk Thistle seed	50 mg	*
Choline (as choline bitartrate)	20 mg	*
Dandelion root	20 mg	*
Tzyme™ Enzyme Blend (Lipase, Protease, Phytase, alpha-Galactosidase, Pectinase, Glucoamylase, Peptidase, Cellulase, Hemicellulase)	30 mg	*
* Daily Value not established		
Other Ingredients: Cellulose, Water		

Clinical Applications

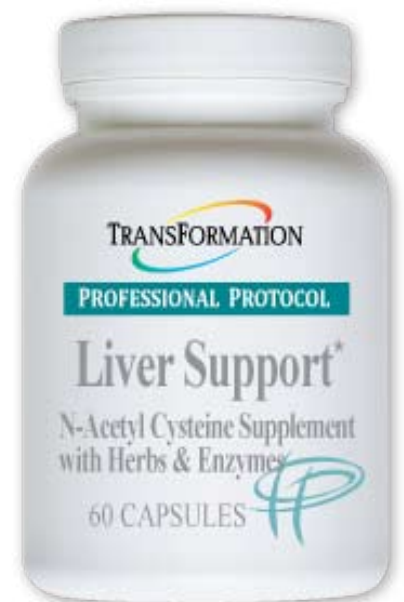
- All types of toxicity
- Environmental toxicity
- Bowel toxicity / constipation
- Alcohol or drug abuse
- Liver or lymphatic stress and congestion
- Elevated cholesterol
- Fatty liver
- Support for hormone balance
- Elevated ALT/AST

For Your Information

- N-acetyl cysteine increases glutathione concentration and antioxidant production in the liver
- For those that are very toxic, start on basic enzyme protocol first, then begin Liver Support
- In general, herbs are not recommended during pregnancy/ lactation or for children 12 years or younger; each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula

Dosage

- Start with 1 capsule 1-2 x day with food and increase as needed
- May take Liver Support for 1 month prior to and/or after other detox protocols
- Suggested maintenance for women: take 1 capsule 2 x day with food for 1 week prior to menses



H-Drain

Transformation's product for circulatory drainage

This product assists in improving the health of the blood and its circulation, thus ridding the body of excessive proteins in the blood. It offers support for the circulatory system to eliminate metabolic waste. Also aids the body in the elimination of potentially congestive circulatory agents, thereby allowing the tissue to receive optimal nutrition.

Product Highlights

- Liquid formula, glycerin base
- Herbal extracts specific for improved blood rheology
- No enzymes
- Vegetarian product, no capsule
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 20 Drops		
Amount Per Serving		% Daily Value
Sarsaparilla root (Smilax officinalis)	10.5 mg	*
Yellow Dock root (Rumex crispus)	9 mg	*
Burdock root (Arctium lappa)	7.5 mg	*
Ginger Root (Zingiber officinale)	3 mg	*
* Daily Value not established		

Other Ingredients: Kosher Vegetable Glycerine, Filtered Water

Clinical Applications

- Helpful for severe toxicity to lessen the detox symptoms
- Fatigue due to poor circulation
- Congested blood

For Your Information

- Yellow dock may cause GI cramping
- May combine with other drainage products
- Glycerin (glycerol) is a sugar alcohol but is not metabolized the same as sugar and therefore will not negatively affect blood sugars

Dosage

- 20 drops 3-4 x daily (1 full dropper is about 20 drops)
- May squirt directly in mouth and follow with water
- May add to bottle of water and drink throughout the day



Detoxification

K-Drain

Transformation's product for kidney drainage

This product has been created to help the kidneys perform their normal daily function, the filtration of waste from the blood. It is good for fluid retention and other disorders of the kidneys.

Product Highlights

- Liquid formula, glycerin base
- Herbal extracts specific for kidney health
- No enzymes
- Vegetarian product, no capsule
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 20 Drops		
Amount Per Serving		% Daily Value
Asparagus tuber (<i>A. cochinchinensis</i>)	9 mg	*
Goldenrod tops (<i>Solidago canadensis</i>)	9 mg	*
Buchu leaf (<i>Barosma betulina</i>)	9 mg	*
Juniperus berries (<i>Juniperus communis</i>)	3 mg	*

* Daily Value not established
Other Ingredients: Kosher Vegetable Glycerine, Filtered Water

Clinical Applications

- Kidney support and health
- Fluid retention / edema
- Lymphatic congestion
- Tubules
- Kidney stones, kidney stress, decreased kidney function, elevated BUN/creatinine
- Support for Detoxification protocols
- Acidosis (low urine pH)

For Your Information

- Asparagus, Goldenrod, Juniper, and Buchu are anti-inflammatory, diuretic, and immune supportive ingredients beneficial for fluid retention, urinary infections, kidney stones, and a “flushing” of the urinary system (*Herbal Physician's Desk Reference*)
- Easy to use, well-tolerated, very effective support product
- May combine with other drainage products
- Glycerin (glycerol) is a sugar alcohol but is not metabolized the same as sugar and therefore will not negatively affect blood sugars
May combine with other drainage products

Dosage

- 20 drops 3-4 x daily (1 full dropper is about 20 drops)
- May squirt directly in mouth and follow with water
- May add to bottle of water and drink throughout the day



L-Drain

Transformation's product for lymphatic drainage

This product assists in eliminating waste from the lymphatic system. It is a unique blend of herbs that are beneficial for relieving congestion of the interstitium, improving nutrient absorption, and enhancing immune function.

Product Highlights

- Liquid formula, glycerin base
- Herbal extracts specific for lymphatic flow and detoxification
- No enzymes
- Vegetarian product, no capsule
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 20 Drops		
Amount Per Serving		% Daily Value
Red Root (<i>Ceanothus americanus</i>)	9 mg	*
Red Clover blossoms (<i>Trifolium pratense</i>)	7.5 mg	*
Stillingia root (<i>Stillingia sylvatica</i>)	7.5 mg	*
Prickly Ash Bark (<i>Xanthoxylum clava-herculis</i>)	6 mg	*

* Daily Value not established

Other Ingredients: Kosher Vegetable Glycerine, Filtered Water

Clinical Applications

- Lymphatic congestion
- Lymphedema
- Fluid retention
- Support for Detoxification protocols

For Your Information

- May combine with other drainage products
- Very well-tolerated
- Glycerin (glycerol) is a sugar alcohol but is not metabolized the same as sugar and therefore will not negatively affect blood sugars

Dosage

- 20 drops 3-4 x daily (1 full dropper is about 20 drops)
- May squirt directly in mouth and follow with water
- May add to bottle of water and drink throughout the day

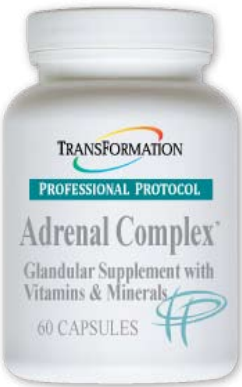


Detoxification



Endocrine Support Formulas

...at a glance



TPP Adrenal Complex

Transformation's glandular support for the adrenals.

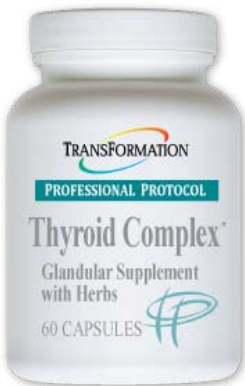
Available in 60 count bottles.



MasterZyme

Transformation's glandular support for the entire endocrine system.

Available in 100 count bottles.



TPP Thyroid Complex

Transformation's glandular support to target the thyroid.

Available in 60 count bottles.

Endocrine

Endocrine Support Formulas

Notes on usage

The endocrine system consists of all the glands that secrete hormones into the blood stream. This includes the adrenal glands, thyroid glands, pituitary gland, pancreas, and reproductive glands. This group of products has been formulated to support the body's natural hormone production and does not replace specific hormone deficiencies. The majority of these products use "glandular" therapy to feed and fortify the targeted glands for improved function and health.

General Indications for Endocrine Support Formulas

- Adrenal fatigue
- Stressful lifestyle
- Low thyroid
- Fatigue
- Unexplained weight gain
- Irregular menses
- PMS
- Menopause
- Prostate disorders
- Frequent urination
- BPH

General Information

- Glandular Therapy has been used in Traditional Chinese Medicine and Indian Ayurvedic Medicine for centuries. One of the basic concepts of Glandular Therapy is that the oral consumption of glandular tissue from an animal will strengthen and fortify the corresponding human gland. It does this by supplying the biochemical, cellular and nutritional components specific for that glands function and repair.
- Glandular tissue comes from animal and is BSE (Bovine Sporiform Encephalopathy) free and safe for human consumption. In most cases the source is bovine or porcine from Argentina or New Zealand.
- Transformation's products are from FDA- and USDA-certified manufacturing facilities, and the manufacturer ensures that the glandulars are BSE (Bovine Sporiform Encephalopathy) free and free from harmful chemicals or pesticides
- Hormone levels should be checked prior to beginning supplementation and monitored for results.
- In general, herbs and glandulars are not recommended during pregnancy/lactation or for children 12 years or younger. However, each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formulas.
- May be taken along with Rx hormones, but monitor hormone levels closely.

TPP Adrenal Complex Transformation's glandular support for the adrenals

This unique formula nourishes and supports the adrenal glands with glandular tissue, nutrients, herbs, and enzymes. These specific ingredients provide the adrenal glands with what they need to respond effectively to today's stressful lifestyles and help fight the negative effects of stress.

Product Highlights

- Vitamins, minerals and antioxidants provide free radical protection
- Glandular Therapy (bovine from Argentina) strengthens, tonifies and nourishes
- Herbs to enhance adrenal function and inhibit the breakdown of cortisol
- Enzyme Blend (EDS) for bio-availability of all ingredients
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving	% Daily Value	
Vitamin C (ascorbic acid)	65 mg	108%
Thiamine (as thiamine HCL)	10 mg	667%
Riboflavin	5 mg	294%
Vitamin B6 (as pyridoxal-5-phosphate)	4 mg	200%
Panthenic acid (as calcium pantothenate)	15 mg	150%
Magnesium (as magnesium citrate)	5 mg	<2%
Zinc (as zinc citrate)	5 mg	33%
Potassium (as potassium citrate)	5 mg	<1%
Adrenal suprarenal substance	95 mg	*
Eleuthero root	30 mg	*
Licorice root	15 mg	*
Tzyme™ Enzyme Blend (Protease, Glucoamylase, Pectinase, Peptidase, Phytase, alpha-Galactosidase, Cellulase, Hemicellulase)	70 mg	*
* Daily Value not established		

Other Ingredients: Gelatin, Water.

Clinical Applications

- Fatigue
- Unexplained weight gain
- Erratic sleep patterns
- Food cravings, especially salty foods
- Acute and chronic stress
- Irritability

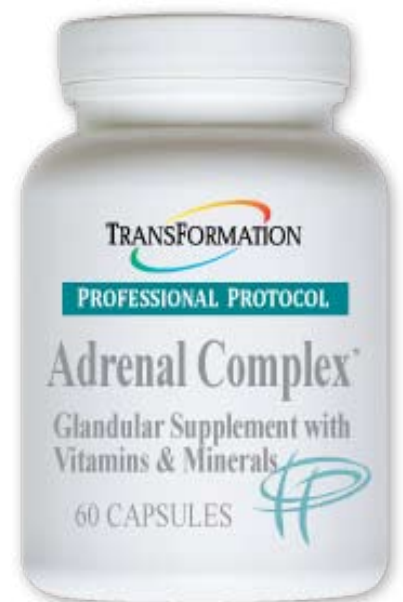
Note: In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger. However, each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula.

For Your Information

- Non vegetarian formula in a gelatin capsule.
- Do not take at bedtime, as it may hinder sleep. However, some practitioners find giving a p.m. dose is what is needed to get a.m. cortisol levels up and back to normal.
- This formula contains 15 mg of licorice, which is a very safe amount. It is much higher doses (5-15 gm/day) that are not recommended long term.
- May be taken with MasterZyme for extra endocrine support.
- Adrenal fatigue is usually caused by physical, emotional, psychological, environmental or infectious stress. For more information, we recommend *Adrenal Fatigue: The 21st Century Stress Syndrome* by James L. Wilson, ND, DC, PhD.

Dosage

- 1 capsule 1-2 x day with food (may cause slight nausea on an empty stomach)
- Adrenal Exhaustion: 2 capsules 2-3 x day with food



Endocrine

MasterZyme

Transformation's glandular support
for the entire endocrine system

This formula containing enzymes, herbs, and glandulars supports the entire endocrine system. More often than not, when one area of the endocrine system is challenged, the other glands are also affected. This formula provides nutritional support for the adrenal, pituitary, and thyroid glands as well as the reproductive system.

Product Highlights

- Enzyme Blend (EDS) for bio-availability of all ingredients
- Natural sources of antioxidants and Vit C
- Glandular Therapy (bovine from Argentina and New Zealand) strengthens, tonifies and nourishes the system
- Herbs for supporting thyroid function
- contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving		% Daily Value
Enzyme proprietary blend	36 mg	*
Amylase	1,800 DU	*
Protease	8,000 HUT	*
Cellulase	100 CU	*
Lipase	25 FIP	*
Rose Hips (fruit)	104 mg	*
Thyroid Conc.	60 mg	*
Suprarenal Cortex Conc.	30 mg	*
Anterior Pituitary Conc.	30 mg	*
Black Cohosh (root)	30 mg	*
Irish Moss Algae	30 mg	*
Parsley Leaves	25 mg	*
Gonad Substances (ovarian, orchic, prostate)	15 mg	*
Adrenal Suprarenal Substance	10 mg	*

* Daily Value not established
Other Ingredients: Gelatin, Water.

Clinical Applications

- Irregular menses
- Infertility
- Menopausal symptoms
- Low energy, lethargy
- Hypoglycemia
- Adrenal or thyroid insufficiency

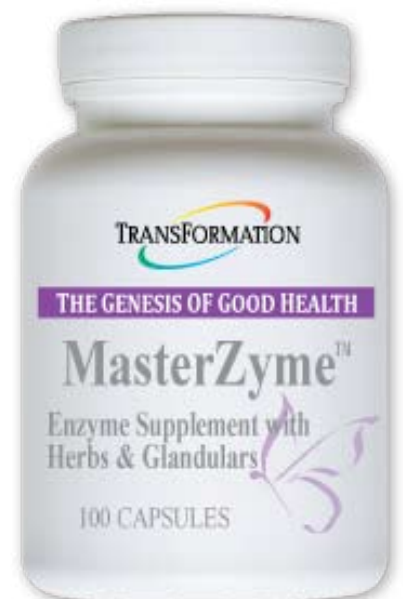
Note: In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger. However, each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula.

For Your Information

- Non vegetarian formula in a gelatin capsule
- This formula "feeds and fortifies" the endocrine glands but is not supplying actual hormones (not a Rx)
- Do not take at bedtime, as it may hinder sleep
- May be taken with Thyroid Complex or Adrenal Complex for extra endocrine support
- May also be taken with prescription thyroid medications (monitor hormone levels closely)

Dosage

- Beginning dose: 2 capsules in the morning and 2 capsules mid-afternoon
- Maintenance dose: 3 capsules first thing in the morning or 1 capsule 3 x day with food
- For infertility, the male and female both need to be on enzymes and glandular support



TPP Thyroid Complex Transformation's glandular support to target the thyroid

The thyroid gland controls the body's metabolic activity level and plays an integral role in enzyme and hormone synthesis. This formula is complete with all the nutrients necessary to promote healthy thyroid function.

Product Highlights

- Vitamins, minerals and amino acids for the manufacture or conversion of thyroid hormones
- Glandular Therapy (bovine from Argentina and New Zealand) strengthens, tonifies and nourishes the thyroid, pituitary and hypothalamus
- Enzyme Blend (EDS) for bio-availability of all ingredients
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving	% Daily Value	
Vitamin B6 (as pyridoxal-5-phosphate)	5 mg	250%
Zinc (as zinc citrate)	10 mg	67%
Selenium (from kelp)	70 mcg	100%
Copper (as copper citrate)	1 mg	50%
L-Tyrosine	80 mg	*
Kelp	70 mg	*
Thyroid concentrate	50 mg	*
Anterior Pituitary	25 mg	*
Hypothalamus Bovine	15 mg	*
Tzyme™ Enzyme Blend (Protease, Pectinase, Glucoamylase, Peptidase, Phytase, alpha-Galactosidase, Cellulase, Hemicellulase)	70 mg	*
* Daily Value not established		

Other Ingredients: Gelatin, Water.

Clinical Applications

- Low energy
- Unexplained weight gain
- Hair loss and dry skin
- Thyroid levels in low normal range
- Sensitivity to cold temperatures (cold hands and feet)

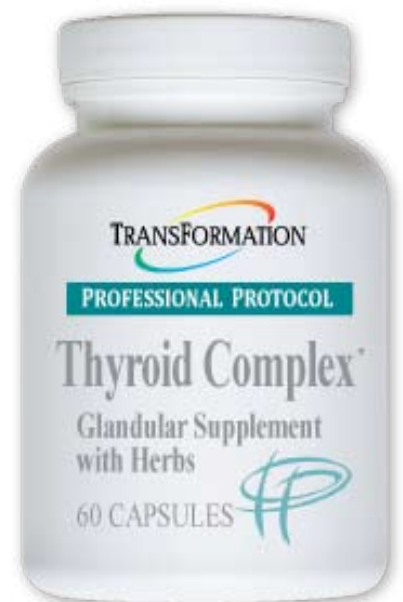
Note: In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger. However, each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula.

For Your Information

- Non vegetarian formula in a gelatin capsule
- Do not take at bedtime, as it may hinder sleep
- May be taken with MasterZyme for extra thyroid support
- May be taken with prescription thyroid medications (monitor hormone levels closely)
- Thyroid hormone is responsible for metabolism – the conversion of glucose to energy. Every cell in the body depends on this energy for its activities and therefore every cell in the body is a target for thyroid hormone.

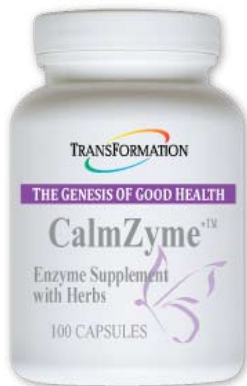
Dosage

- 1 capsule 2 x day
- Some report better tolerance when taken with food
- Severe hypothyroid: take 2 capsules 3 x day with food



Energy Balancing Formulas

...at a glance



CalmZyme

Transformation's product that feeds and fortifies the nervous system to assist with stress management.

Available in 100 count bottles.



ExcellZyme

Transformation's herbal blend for mental and physical fatigue.

Available in 60 count bottles.

Energy

Energy Balancing Formulas

Notes on usage

How do Energy Balancing Formulas impact overall health?

This group of products has been designed to assist with energy balance.

- CalmZyme works to reduce the physical effects of stress and promote a good night's sleep for better energy throughout the day.
- ExcellZyme works in the blood stream to improve oxygenation of the cells for feelings of improved energy and mental clarity.

General Indications for Energy Balancing Formulas

- Chronic fatigue syndrome
- Lethargy
- Insomnia
- Anxiety
- ADD
- Mental fog

General Information

- In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger. However, each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formulas.

CalmZyme

Transformation's product that feeds and fortifies the nervous system to assist with stress management

This formula is an herbal and enzyme blend that feeds and fortifies the nervous system, assisting with stress management. As the name implies, it helps calm the system and slow mental "chatter." This is the perfect, non-habit forming, natural solution for anxiety, insomnia, and stress disorders.

Product Highlights

- Enzyme Blend (EDS)
- Herbs known for their calming properties
- Vegetarian product, cellulose capsule
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS	
Serving Size 1 Capsule	
Amount Per Serving	% Daily Value
Enzyme Proprietary Blend	38 mg
Amylase	2,500 DU *
Protease	3,600 HUT *
Cellulase	160 CU *
Lipase	25 FIP *
Valerian Root	150 mg *
Hops Strobile (flower)	77 mg *
Skullcap (herb)	75 mg *
Wild Lettuce (leaf)	25 mg *
* Daily Value not established	
Other Ingredients: Cellulose, Water	

Clinical Applications

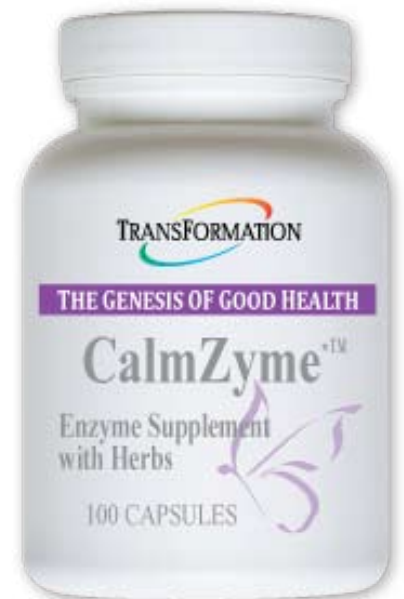
- Insomnia
- Hypertension
- Anxiety / ADD disorders
- Inability to focus or stay focused / hyperactivity
- Migraines and stress headaches
- Adrenal fatigue
- Stressful lifestyle

For Your Information

- Valerian root has strong odor
- In general, herbs are not recommended during pregnancy/ lactation or for children 12 years or younger; each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula

Dosage

- 2-3 capsules during the day for stress / anxiety
- 3 capsules at bedtime to help with restful sleep
- Combine 3 CalmZyme with 2 ExcellZyme for migraine or stress headache and take with a protease formula
- Not recommended for those who are already taking prescription medications that contain valium or derivatives of valerian root



Energy

ExcellZyme

Transformation's herbal blend
for mental and physical fatigue

One of the best antioxidant products available, ExcellZyme increases energy and supports the kidneys, liver, and hypothalamus. It is excellent for improving mental and physical energy without giving the nervous feeling of typical stimulants.

Product Highlights

- Enzyme blend (EDS)
- Herbs for mental clarity and energy: Gota Kola, Ginseng (eleuthero), Ginko Biloba
- Antioxidants: alfalfa, rose hips, grape seed
- Vegetarian product, cellulose capsule
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS	
Serving Size 2 Capsules	
Amount Per Serving	% Daily Value
Enzyme Proprietary Blend	78 mg
Amylase	5,000 DU *
Protease	7,200 HUT *
Cellulase	400 CU *
Lipase	60 FIP *
Gota Kola (aerial part)	300 mg *
Rose Hips (fruit)	220 mg *
Alfalfa Juice Conc.	150 mg *
Eleuthero (root)	150 mg *
Ginkgo Biloba Leaf	50 mg *
Ginkgo Biloba Leaf Extract	10 mg *
Grape Seed Extract	40 mg *
* Daily Value not established	
Other Ingredients: Cellulose, Water	

Clinical Applications

- General fatigue or sluggishness
- Mental fog, lack of focus
- Loss of memory
- Dizziness

For Your Information

- In rare cases, Gota Kola may cause heart palpitations
- In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger; each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula

Dosage

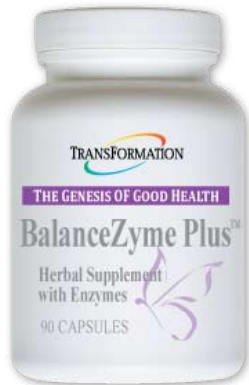
- 2-3 capsules first thing in the morning and mid-afternoon
- Migraines or stress headache: combine 2 ExcellZyme with 3 CalmZyme and take with a protease formula





Weight and Lipid Management Formulas

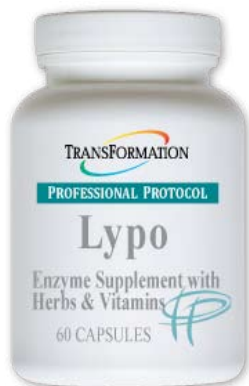
...at a glance



BalanceZyme Plus

Transformation's original support product for "Weight Loss" Program. Good for assisting with weight loss, glucose/sugar control.

Available in 90 count bottles.



TPP Lypo

Transformation's therapeutic blend of enzymes with herbs to help manage blood lipids and blood sugars, which makes it the product to use for any imbalance of healthy cholesterol.

Available in 60 count bottles.

Weight Loss



Weight and Lipid Management Formulas

Notes on usage

These formulas are excellent for those patients suffering from Metabolic Syndrome as they are multi purposed helping to balance blood sugars, control cravings and appetite and have shown to improve blood lipid profiles. These formulas are perfect for those who are overweight, showing signs of diabetes and/or their cholesterol is high and lipid ratios put them at risk for heart disease.

General Indications for Weight and Lipid Management

- Overweight
- Excessive cravings
- Blood sugar imbalances
- Diabetes
- High cholesterol
- High LDL, Low HDL
- High triglycerides

General Information

- In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger. However, each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formulas.
- May be taken with Rx medications.

BalanceZyme Plus Transformation's original support product for "Weight Loss" Program

This support product is good for assisting with both weight loss and glucose/sugar control. It is designed with enzymes and herbs to balance blood sugars, aid fat digestion, and assist with appetite control when taken prior to meals.

Product Highlights

- Chromium (picolinate and polynicotinate) and Nettles for blood sugar balance
- Enzyme blend
- Garcinia Cambogia and Plantain are appetite suppressors
- Bladderwrack, Prickly ash, and Fenugreek support the pancreas, liver, and digestion
- Vegetarian product, cellulose capsule
- Contains no known dairy, gluten, or soy

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving	% Daily Value	
Chromium (from Chromium Polynicotinate)	100 mcg	83%
Enzyme proprietary blend	115 mg	*
Protease	30,000 HUT	*
Lipase	1,500 FIP	*
Amylase	3,000 DU	*
Cellulase	200 CU	*
Garcinia Cambogia (Fruit) Extract	250 mg	*
Plantain (Leaf)	75 mg	*
Bladderwrack Algae	75 mg	*
Nettles, Stinging (Leaf)	75 mg	*
Prickly Ash (Bark)	75 mg	*
Fenugreek (Seed)	50 mg	*
*Daily Value not established		

Other Ingredients: Cellulose, Water

Clinical Applications

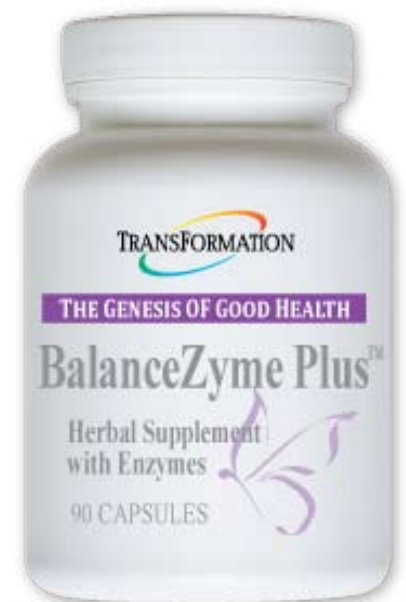
- Weight management
- Appetite control
- Blood sugar balance
- Diabetes
- Metabolic syndrome

For Your Information

- This formula is meant to control weight and sugar control; additionally, it has been shown to lower cholesterol
- In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger; each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula

Dosage

- 2-3 capsules 30 minutes before meals to help curb appetite and support a weight loss plan
- Take according to size and weight of individual



Weight Loss

TPP Lypo

Transformation's therapeutic blend of enzymes with herbs to help manage blood lipids and blood sugars

This therapeutic formula is the product to use for any imbalance of healthy cholesterol, designed to control excess lipoproteins such as LDL in the blood and improve the ratios of LDL/HDL. It may also minimize the absorption of dietary cholesterol.

Product Highlights

- Contains chromium to assist in the control of blood sugar imbalances
- Lipase blend, Polysaccharolytic blend, and Protease blend
- Guggulipids and various herbs added to support lowering cholesterol
- Antioxidant blend to combat free radical damage caused by high blood sugar levels
- Vegetarian, cellulose capsule
- Contains no known dairy or gluten (Vitamin E and lecithin from soy)

SUPPLEMENT FACTS		
Serving Size 1 Capsule		
Amount Per Serving	% Daily Value	
Vitamin A (100% as beta carotene)	3,750 IU	75%
Vitamin E (as d-alpha tocopheryl succinate)	2.5 IU	8%
Chromium (as Chromium polynicotinate)	100 mcg	83%
Tzyme™ Lipase Blend (3,898 FIP)	106 mg	*
Garcinia cambogia fruit extract	150 mg	*
Tzyme™ Polysaccharolytic Blend	62 mg	*
Amylase	4,900 DU	*
Alpha galactosidase	63 Gal U	*
Diastase	59 DP [®]	*
Invertase	20 SU	*
Lactase	196 ALU	*
Glucoamylase	0.042 AGU	*
Guggulipids extract	60 mg	*
Bladderwrack algae	60 mg	*
Tzyme™ AntiOxBlend	48 mg	*
<small>(Beta carotene (from dunaliella), Alpha-lipoic acid, Eleuthero (root), Asian Ginseng (root), CoQ10, Flaxseed)</small>		
Garlic (bulb)	40 mg	*
Lecithin (from soy)	40 mg	*
Tzyme™ Protease Blend	26 mg	*
<small>(acid, neutral, alkaline, exo/endo peptidases, bromelain)</small>		
Artichoke extract	30 mg	*
Rice bran	51 mg	*

* Daily Value not established
Other Ingredients: Cellulose, Water

Clinical Applications

- High cholesterol
- High triglycerides
- Obesity
- Cardiovascular disease
- Diabetes
- Metabolic Syndrome

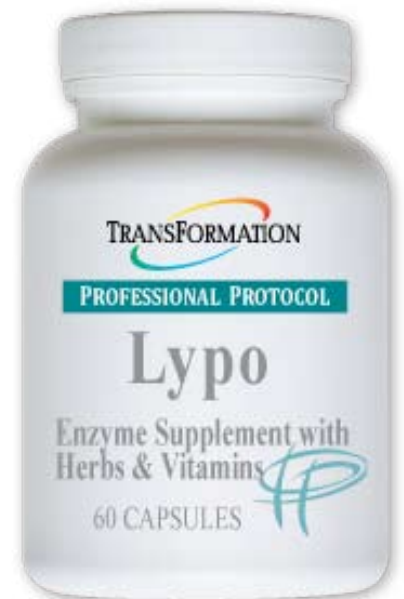
**In general, herbs are not recommended during pregnancy/lactation or for children 12 years or younger. However, each case should be assessed on an individual basis and the practitioner, along with the patient, may use their professional judgment and decide to use the formula.*

For Your Information

- TPP Lypo is a therapeutic formula in the management of high or imbalanced cholesterol
- May be taken with prescription medications for lowering cholesterol and/or blood sugars (monitor blood work closely)

Dosage

- 1-2 capsules between meals with TPP Protease for improved cholesterol profile
- 1 capsule with meals and 1 capsule between meals for both insulin and cholesterol issues





Allergen Information

A note on ingredients

In 2005, the US Food and Drug Administration (FDA) set forth new legislation that changed labeling guidelines for food. The Food Allergen Labeling and Consumer Protection Act of 2004 (FALCPA) went into effect on January 1, 2006. The goal of this legislation is to provide the information necessary for individuals with allergies to make informed decisions about the food products they consume. If a product contains any of the following eight most common food allergens, the manufacturers are required to indicate these ingredients on the label:

- Milk
- Egg
- Fish
- Shellfish
- Tree nuts
- Wheat
- Peanuts
- Soybeans

Transformation's products do **NOT** contain **ANY** of these foods. However, some ingredients are "derived from" these foods. While there is minimal risk for an allergy to these ingredients, we wish to fully comply with the federal guidelines and provide our customers with adequate information. Transformation's products that contain ingredients derived from these eight foods are listed below and our labels are in compliance:

- DigestZyme – *Lactobacillus acidophilus* grown on milk
- Essential Fatty Acids – Vitamin E derived from soy
- Gastro – Vitamin E derived from soy
- Lypo – Lecithin derived from soy; Vitamin E derived from soy
- Probiotic – Lactoferrin derived from milk
- Probiotic 42.5 – *Bifidobacterium bifidum* grown on soy
- Protease IFC – Vitamin E derived from soy
- Vitamin C Complex – Vitamin E derived from soy

Table of Contents

Alphabetical Listing



Adrenal Complex.....	63	Lypo.....	74
BalanceZyme Plus	73	LypoZyme	10
CalmZyme	69	MasterZyme	64
Carbo-G.....	7	Mineral Complex	49
Digest	8	N.E.E.D.....	50
DigestZyme	9	Plantadophilus	25
Essential Fatty Acids	39	Powdered DigestZyme	11
ExcellZyme	70	Probiotic.....	24
Foundation Package.....	4	Probiotic Plus.....	26
Gastro	31	Probiotic 42.5	23
GastroZyme	32	Protease.....	17
H-Drain.....	57	Protease 375K	18
Heavy Metal Defense.....	55	Protease IFC.....	37
Immune AV.....	43	Protease IM.....	44
Intestinal Support.....	33	PureZyme.....	19
Kidz Digest Powder	12	ReleaseZyme.....	34
Kidz Digest Chewable.....	13	RepairZyme.....	38
Kidz Probiotic	27	Super CellZyme.....	51
K-Drain.....	58	Thyroid Complex.....	65
L-Drain.....	59	Vitamin C Complex.....	45
Liver Support	56		

Copyright 2013 Transformation

Transformation Enzyme Corp.
2900 Wilcrest Drive, Suite 220
Houston, Texas 77042
phone: 800-777-1474
fax: 888-777-1474
moreinfo@tecenzymes.com
www.TransformationEnzymes.com