

ENZYME SCIENCE®

PRACTITIONER DIVISION OF ENZYMEDICA



- With the highest-potency lipase
- Digests 22 g fat in 30 minutes*
- Cardiovascular support*

With the highest-potency Lipase Thera-blend® plus amylase and protease to ensure proper nutrient absorption.*

Lypo Optimize™ is scientifically formulated for fat digestion and gallbladder support (including for those without a gallbladder).^{*} Helps relieve indigestion associated with meals higher in dietary fat.^{*} Supports the cardiovascular system when taken on an empty stomach^{*}

SUPPLEMENT FACTS

Supplement Facts

Serving Size: 1 Capsule
Servings Per Container: 90

Amount Per Serving	%DV
Lipase Thera-blend®	15,000 FIP **
Amylase Thera-blend®	9,000 DU **
Protease Thera-blend®	25,000 HUT **

** Daily Value (DV) not established

OTHER INGREDIENTS:
100% vegetarian capsule
(cellulose, water)

CONTAINS NO:
dairy, egg, preservatives,
salt, sucrose, soy, wheat,
yeast, nuts, corn, gluten,
casein, potato, artificial
colors or flavors.

**RECOMMENDED
DOSAGE:**
1 capsule with each meal.
More may be taken as
needed. For cardiovascular
support, 1 capsule 3 times
daily on an empty stomach.
More may be taken as
recommended by a
healthcare practitioner.

Lypo Optimize™

For Fat Digestion & Gallbladder Support*

The days of vilifying fat or believing it has no place in a healthy diet are long over. According to the American Health Association, your body “definitely needs fat.” Dietary fats are essential for energy and cell growth. Fats also help the body absorb certain nutrients and produce hormones.¹

Dietary fats are consumed from a variety of foods, including meat, dairy and some plants. The body uses the metabolic enzyme lipase to break down fats into smaller molecules necessary for proper digestion and assimilation. The body secretes a variety of lipases, starting with saliva and continuing throughout the digestive tract. Eventually, within the small intestine, lipase produced by the pancreas hydrolyzes triglycerides into diglycerides, mono-glycerides, free fatty acids and glycerol.

Digestion and absorption of dietary fats are highly efficient processes under normal physiological conditions.² However, insufficient enzymatic activity into the duodenal lumen when consuming a meal may result in inadequate nutrient absorption.³ Insufficient digestion and absorption of fats can bring on common digestive discomforts such as occasional gas, bloating and diarrhea.⁴

Lypo Optimize™ features a unique blend of lipase, amylase and protease Thera-blend™ enzymes to promote efficient digestion and assimilation of fats, carbohydrates and proteins.* Up to 90% of lipase activity from pancreatin is inactivated by gastric acid conditions.⁵ Unlike most competing products, Enzyme Science's Lypo Optimize™ formulation includes fungal lipase to ensure activity throughout the acidic conditions of the gastrointestinal system.

Thera-blend® is the Difference

Lypo Optimize is formulated with a proprietary technology known as Thera-blend®, to deliver multiple enzymes that work synergistically across the entire pH spectrum of the GI tract. This proven technology gives Enzyme Science formulas superior potency. Our enzymes can survive the acidic and alkaline environments of the GI tract, so they can get to where they're needed.

The exclusive lipase Thera-blend® in Lypo Optimize was evaluated by a leading Florida research institute for the effectiveness and quantification of fat degradation across three sources of commonly consumed fats. The study focused on using bacon, Hass avocado, and olive oil substrates. A concentration of 15,000 active units of Lipase Thera-blend allowed fatty acids to be released as a result of enzyme activity across acidic and neutral pH ranges. The total number of grams of free fatty acids cleaved varied slightly between substrates. However, data from this study suggests one capsule of Lypo Optimize can digest up to 22 grams of fat within 30 minutes.*



As the practitioner division of Enzymedica, America's #1 digestive enzyme company, we know you trust us to help your clients – our integrity and quality reflect the values of your practice. This is our promise.

Lypo Optimize for Optimal Health

In optimal health, in order to digest lipids, the body utilizes the mouth, stomach, gall bladder and pancreas to process dietary fats from the foods we eat to provide the body with energy and to support cellular health. This complex process of fat digestion can be disrupted by insufficient mastication of food, compromised gallbladder function and/or an inadequate supply of the enzyme lipase.

Lypo Optimize supports the body's digestion, absorption and utilization of fats with a high-potency lipase formula with supportive protease and amylase enzymes to work quickly throughout the GI tract.* Providing quick and efficient fat digestion may help to relieve discomfort associated with the digestion of fatty foods.^{6*} By aiding the digestive system, enzyme supplementation takes stress off the gallbladder, liver and pancreas making it easier to digest foods and ensuring absorption of nutrients.^{7*} While this versatile advanced formula supports optimal fat metabolism when taken with food, Lypo Optimize may also be supportive for healthy cardiovascular and endocrine health when taken away from food.^{8*}

References

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*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.