

# ENZYME SCIENCE®

PRACTITIONER DIVISION OF ENZYMEDICA



## Digest Gold®

### America's #1 Selling Enzyme Formula

The enzymes in Digest Gold, America's #1 selling enzyme formula, break down all the parts of a typical large meal, like fat, fiber, protein and carbohydrates.\* Each capsule unlocks nutrients and gives relief for occasional gas, bloating and indigestion.\*

Occasional indigestion and abdominal discomfort affect 30-40% of adults, but research shows that digestive enzyme supplements can significantly reduce these symptoms.\* 1,2,3

#### How Enzymes Support Digestion\*

During the digestive process, the body produces enzymes to break down nutrients into molecules small enough for the body to absorb and use for metabolism, energy, growth and cell repair.<sup>4</sup> The bacteria in the gastrointestinal tract also plays a role in digestion and nutrient absorption.

The body needs adequate amounts of digestive enzymes to break down food. Digestive enzyme production naturally declines with age, but factors such as the standard Western diet also exert an influence. Insufficient supplies can slow down the digestive process, causing food to remain undigested or partially digested in the stomach. Inefficient or slower digestion can cause abdominal discomfort and occasional constipation, due to the gas produced when bacteria ferment undigested food in the colon.<sup>5</sup> Slow digestion can also cause reduced nutrient absorption. However, digestive enzyme supplements offer support without impacting natural production.\*

#### The Digestive Enzymes in Enzyme Science Digest Gold®

Digest Gold® delivers maximum-potency enzymes to break down the nutrients in a typical meal. The three main categories of Thera-blend® digestive enzymes – proteases, lipases and amylases – support proper digestion of the macronutrients protein, fats and carbohydrates, respectively.\* Since enzymes cleave specific bonds on a single substrate, Enzyme Science Digest Gold® includes multiple variants of those three categories of enzymes. Our Thera-blend® enzymes provide extra-strength meal digestion.\*

We included the enzymes lactase, alpha galactosidase, glucoamylase, beta glucanase, invertase, maltase and xylanase – all of which play a significant role in digesting various carbohydrates into sugars to provide fuel to the body's cells.

Lactase is known to significantly reduce the onset of occasional bloating, gas and abdominal discomfort by efficiently digesting lactose (milk sugar).<sup>6</sup> Randomized, placebo-controlled trials have shown that alpha galactosidase breaks down carbohydrates into easily digestible sugars to reduce gas production and related abdominal symptoms in adults.\*<sup>7,8,9</sup>

Alpha galactosidase breaks down raw vegetables and legumes (beans, peas and lentils). Glucoamylase works with amylase to break down

- Breaks down all macronutrients\*
- Guaranteed high-potency enzymes\*
- Probiotic-free formula

Award-winning Digest Gold® from Enzymedica is America's #1 selling digestive enzyme formula.

This Enzyme Science version of Digest Gold® is available for health-care practitioners. With Thera-blend® enzymes formulated to work synergistically across the diverse pH range of the GI tract.\* Relieves occasional gas, bloating and indigestion, and increases energy and nutrient absorption.\* A probiotic-free formula.

### SUPPLEMENT FACTS

#### Supplement Facts

Serving Size: 1 Capsule  
Servings Per Container: 90

Amount Per Serving	%DV
Amylase Thera-blend®	23,000 DU **
Protease Thera-blend®	80,000 HUT **
Glucoamylase	50 AGU **
ATPro®	25 mg – 300 Million LCU (ATP, Magnesium Citrate, Phytase, CoU10)
Alpha Galactosidase	450 GalU **
Cellulase Thera-blend®	3,000 CU **
Lipase Thera-blend®	4,000 FIP **
Lactase	900 ALU **
Beta Glucanase	25 BGU **
Maltase	200 DP° **
Xylanase	550 XU **
Invertase	240 SU **
Pectinase	45 Endo-PGU **
Hemicellulase	30 HCU **

\*\* Daily Value (DV) not established

#### OTHER INGREDIENTS:

100% vegetarian capsule (cellulose, water)

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**CONTAINS NO:** Casein, Crustaceans, egg, fish, gluten, milk, nuts sesame, shellfish, soy, wheat, artificial colors, filler or flavors.

#### RECOMMENDED DOSAGE:

1 capsule per meal with the first bite of food. More may be taken as recommended by a healthcare practitioner.



carbohydrates into glucose units. Beta glucanase helps break down glucose bonds associated with grains (barley, oats and wheat). Invertase breaks down sucrose into simple sugars (glucose and fructose). Maltase breaks down carbohydrates, malt and grain sugars into glucose. Xylanase breaks down soluble fiber and phenols.

Cellulase is a category of enzymes the body does not produce. These enzymes must be consumed in foods or as a supplement.

Digest Gold® includes cellulase, pectinase and hemicellulase enzymes to digest fiber molecules in plant cell walls, to better assimilate plant-based nutrients.

### The Difference is Thera-blend®

Enzyme Science Digest Gold® is formulated with a proprietary technology known as Thera-blend®, which delivers multiple strains of enzymes that work synergistically across the entire pH spectrum (from acidic to alkaline) 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.

### About ATPro®

Metabolic reactions utilize nutrients to produce ATP (adenosine triphosphate), the body's energy source. ATP powers cellular or enzymatic reactions that require power, and it is vital for muscle contraction during digestion. The enzyme phytase releases phosphate, required for ATP synthesis, from the phytic acid found in foods. Coenzyme Q10 is fundamental in ATP production, and ATP must bind to magnesium to be biologically active.<sup>10,11</sup> Replenishing ATP and supporting ATP production through the actions of CoQ10, magnesium citrate and phytase from ATPro® further promotes digestive health and energy.\*

### Enzyme Science Digest Gold® is the Gold Standard in Digestive Support\*

Optimal health starts with optimal digestion. That requires sufficient enzymes to break down the foods we eat and provide the nutrients the body needs to maintain health and wellness. The enzymes in Enzyme Science Digest Gold® break down all the parts of a typical large meal, like fat, fiber, protein and carbohydrates.\*

### References

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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.

## ENZYME SCIENCE®

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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.