Pan-Ox-5™
A comprehensive dietary enzyme formula

DESCRIPTION
Pan-Ox-5™ is a comprehensive dietary enzyme supplement that is specially formulated for complete digestive support for the entire gastrointestinal system. †

FUNCTIONS
The pancreas supplies the major digestive enzymes that catalyze the breakdown of starches (carbohydrates), proteins, and fats, so that the breakdown products can be absorbed in the upper small intestine.
Some carbohydrate digestion takes place in the mouth by salivary amylase, but pancreatic amylase is the major carbohydrate-digesting enzyme. Amylases break down starches to maltose and maltotriose, which are further hydrolyzed into glucose by the disaccharidases of the mucosal cells, and then absorbed. Although cellulose is indigestible by pancreatic and intestinal enzymes, the microflora within the large intestine may degrade it and produce uncomfortable symptoms in the process. Although fat digestion starts in the mouth with the action of salivary lipase, the great majority of fat triglycerides are digested by pancreatic lipase secreted by the exocrine pancreas into the duodenum. Lipases break down triglycerides into monoglycerides and free fatty acids, which are efficiently absorbed in the upper small intestine. Bile is normally secreted from the gallbladder to help aid in the digestion of lipids in the small intestine. Protein digestion is initiated in the stomach by pepsin and hydrochloric acid, which denature and break large proteins down to smaller polypeptides. In the small intestine, proteases break down these polypeptides into free amino acids, and di- and tripeptides, which are directly absorbed by the intestinal mucosa. Ingredients such as aspergillus oryza can also aid in the digestion and absorption of food. †

INDICATIONS
Pan-Ox-5™ may be indicated for individuals who need to supplement their diets with a variety of digestive enzymes.

FORMULA (#202302)
One tablet Contains:
Betaine HCl .....60 mg
Pancreatin (from porcine).....37.5 mg
Supplying:
Protease Activity (7,500 USP)
Amylase Activity (7,500 USP)
Lipase Activity (600 USP)
Lipase (from porcine)……400 USP
Pepsin (from porcine) .....97,500 FCC
Papain (from papaya).....96,000 USP
Malt Diastase (from *Aspergillus oryzae*)……...37.5 DP
Beet Root Powder .....100 mg
Ox Bile powder .....65 mg
Vegetable Rennet (*Bacillus licheniforms*) .....15 mg
Citrus Pectin .....12.5 mg
Glutamic acid……10 mg

Other ingredients: Cellulose, vegetable stearate, rice bran (gamma oryzanol) and silica.

SUGGESTED USE
Adults take 1 tablet with each meal daily or as directed by a healthcare professional.

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SIDE EFFECTS
No adverse side effects have been reported.

STORAGE
Store in a cool, dry place, away from direct light. Keep out of reach of children.

REFERENCES

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For more information on Pan-Ox-5™ visit douglaslabs.com

† 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.

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