

Active Native Human Amylase, alpha

Cat. No. Amylase-64H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Human Pancreas
Form	Purified, Liquid
Bio-activity	490 Units/mL @ 37°C
Purity	Contaminants: GOT<0.01%>ALP< 0.01%="">Lipase 0.03% Protease<>
Unit Definition	One unit will catalyze the hydrolysis of one micromole of 2-chloro-4-nitrophenyl-a-D-m altotriose per minute at 37°C.
Characteristic	Specific Activity: 250 Units/mg protein Total Protein: 2.0 mg/mL (OD280nm, E0.1% = 2.33)
Applications	Specific methodologies have not been tested using this product.
Usage	FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY
Notes	Centrifuge before opening to ensure complete recovery of vial contents.
Storage	Store at 2–8°C.

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Concentration	Activity: 490 Units/mL @ 37°C measured on Dimension.
Storage Buffer	100 mM Tris-Chloride, 150 mM Sodium Chloride, 1 mM Calcium Chloride, pH 7.5.
Warning	All human source materials have tested negative for HIV 1, HIV 2, HCV antibodies and Syphilis, HIV-1 antigen and HBsAg. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.

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