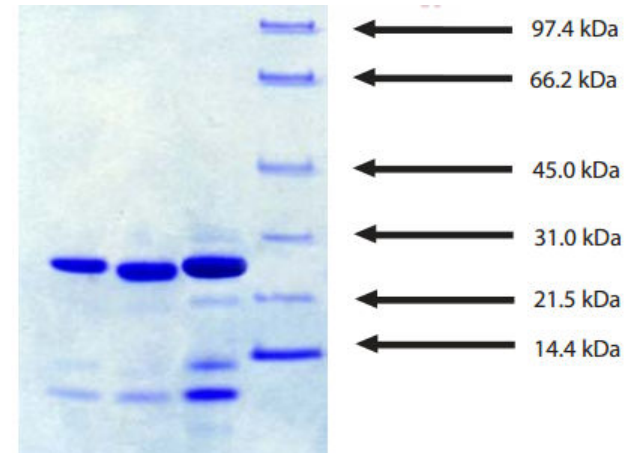


Trypsin, Human Pancreas

CATALOG #:	7292-50	50 µg
ALTERNATE NAMES:	Beta-trypsin, Cationic trypsinogen, Serine protease 1, Trypsin I, PRSS1, TRP1, TRY1, TRYP1	
SOURCE:	Human Pancreas. Shown to be non-reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.	
PURITY:	≥ 95% by SDS-PAGE	
MOL. WEIGHT:	21-23 kDa	
EXTINCTION COEFFICIENT:	1.45	
FORM:	Lyophilized	
FORMULATION:	Lyophilized from 2 mM HCl.	
STORAGE CONDITIONS:	Store at -20°C or lower. Avoid repeated freezing and thawing cycles.	

DESCRIPTION: Trypsin hydrolyzes peptides, amides, and ester bonds involving the carboxyl groups of L-arginine or L-lysine. Increased serum values of this enzyme and/or its zymogen (trypsinogen) have been found in patients with cystic fibrosis. Trypsinogen has three isoforms: cationic (trypsinogen 1), anionic (trypsinogen 2, MW - 22.5 kDa), and mesotrypsinogen (trypsinogen 3, MW - 25 kDa). The trypsin available from BioVision is the cationic form.

ACTIVITY: 2.5 units per mg protein. One unit is defined as the amount of enzyme that hydrolyzes one µmole of N-benzoyl-DL-arginine-pNA per minute at 25°C in 200 mM Tris-HCl, pH 7.8, with 20 mM CaCl₂.



Trypsin, Human Pancreas

4-12% Bis-Tris NuPAGE gel

1. Trypsin - 5 µg (reduced / heated)
2. Trypsin - 10 µg (reduced / heated)
3. Trypsin - 20 µg (reduced / heated)
4. LMW Standard

RELATED PRODUCTS:

- Trypsin Activity Colorimetric Assay Kit (**Cat. No. K771-100**)
- Alpha 1 Antichymotrypsin, Human Plasma (**Cat. No. 7293-1000**)
- Alpha 1 Antitrypsin, Human Plasma (**Cat. No. 7294-100**)

FOR RESEARCH USE ONLY! Not to be used in humans.