

Human Pepsin A-3 ELISA Kit | PGA3 elisa kit

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CATALOG #
AAA190482

REACTIVITY
Human

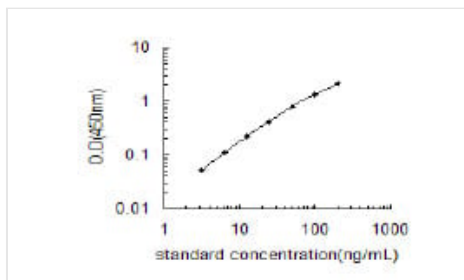
PRODUCT SYNONYMS

Pepsin A-3; Human Pepsin A-3 ELISA Kit; Pepsin A; PGA3; PGA3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Pepsin A. No significant cross-reactivity or interference was observed.
Assay Type	Sandwich
Detection Range	1.56-100 ng/mL
Sensitivity	0.78 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=8.7%
Recovery	94%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGA3 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Pepsin A concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay||The microtiter plate provided in this kit has been pre-coated with an antibody specific to Pepsin A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Pepsin A and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Pepsin A, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Pepsin A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	129792
NCBI GeneID	5222
UniProt Accession #	P00790; P0DJJ9
NCBI Official Synonym Full Names	pepsinogen 5, group I (pepsinogen A)
NCBI Official Symbol	PGA5
NCBI Official Synonym Symbols	Pg5
NCBI Protein Information	pepsin A-5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pgs3-human-elisa-kits/pepsin-a-3/190482>