

Human PGA ELISA Kit | PGA elisa kit

Human PGA (Pepsinogen A) ELISA Kit

CATALOG #
AAA163955

REACTIVITY
Human

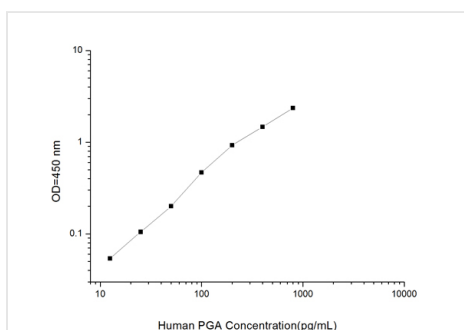
PRODUCT SYNONYMS

PGA; Human PGA (Pepsinogen A) ELISA Kit; PGA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PGA. No significant cross-reactivity or interference between Human PGA and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human PGA and all the analogues, therefore, cross reaction may still exist.
Sequence Length	386
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	12.5-800pg/mL
Sensitivity	Min: 7.5pg/mL; Max: 800pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGA elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PGA in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human PGA. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human PGA and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human PGA, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human PGA. You can calculate the concentration of Human PGA in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	292658855
NCBI GeneID	414350
NCBI Accession #	NP_001001600.2
NCBI GenBank Nucleotide #	NM_001001600.2
UniProt Accession #	P00792; Q6VRA9
Molecular Weight	40,003 Da
NCBI Official Full Name	pepsin A preproprotein
NCBI Official Symbol	PGA5
NCBI Official Synonym Symbols	pga
NCBI Protein Information	pepsin A; aspartic peptidase; pepsinogen A; pepsinogngen A
UniProt Protein Name	Pepsin A
UniProt Gene Name	PGA
UniProt Entry Name	PEPA_BOVIN

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/human-elisa-kits/pga/163955>