

Rat PGA ELISA Kit | PGA elisa kit

Rat PGA (Pepsinogen A) ELISA Kit

CATALOG #
AAA164862

REACTIVITY
Rat

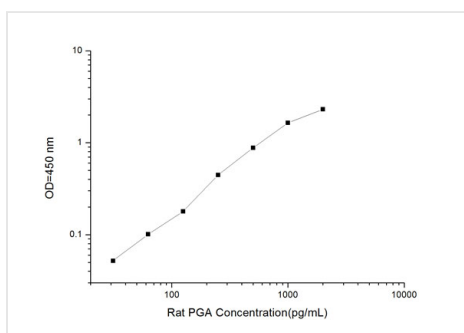
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat PGA. No significant cross-reactivity or interference between Rat PGA and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat PGA and all the analogues, therefore, cross reaction may still exist.
Sequence Length	386
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/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 Rat 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 Rat 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 Rat 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 Rat 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 Rat PGA. You can calculate the concentration of Rat 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; pepsinogenn 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://www.aaabiotech.com/rat-elisa-kits/pga/164862>