

Human Pepsinogen A (PGA) RTU ELISA Kit | PGA rtu elisa kit

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CATALOG #
AAA217762

REACTIVITY
Human

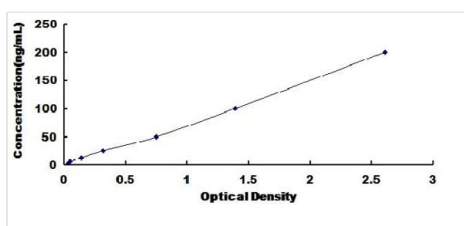
PRODUCT SYNONYMS

Pepsinogen A (PGA); Human Pepsinogen A (PGA) ELISA Kit; PGA5; PG-A; Pepsinogen 5 Group I; Pepsinogen-5; Pepsin A-5; PGA rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	388
Assay Type	Sandwich
Samples	Serum, Plasma or Other Biological Fluids.
Detection Range	3.12-200ng/mL
Sensitivity	1.45ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGA rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PGA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PGA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PGA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of PGA in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23943854
NCBI GeneID	5222
NCBI Accession #	NP_055039.1
NCBI GenBank Nucleotide #	NM_014224.4
UniProt Accession #	P0DJJD9; P00790; Q7M4R0; Q8N1E3; A8K749; B7ZW62; B7ZW75
Molecular Weight	41,993 Da
NCBI Official Full Name	pepsin A-5 preproprotein
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
UniProt Protein Name	Pepsin A-5
UniProt Gene Name	PGA5

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-rtu-elisa-kits/pepsinogen-a-pga/217762>