

Human Pepsinogen A, PG-A ELISA Kit | PG-A elisa kit

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CATALOG #
AAA43034

REACTIVITY
Human

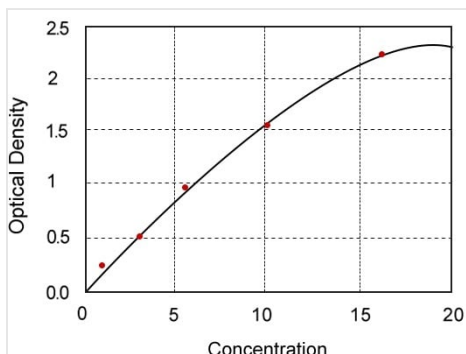
PRODUCT SYNONYMS

Pepsinogen A; PG-A; Human Pepsinogen A; PG-A ELISA Kit; PG-A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	388
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 200ng/ml
Sensitivity	0.22ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PG-A elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Pepsinogen A (also known as PG-A) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human PG-A antibody. PG-A present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human PG-A Antibody is added and binds to PG-A in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PG-A antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human PG-A. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	387013
NCBI GeneID	5222
UniProt Accession #	P0DJD9; P00790; Q7M4R0; Q8N1E3; A8K749; B7ZW62; B7ZW75
Molecular Weight	41,993 Da
NCBI Official Full Name	pepsinogen A
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/pepsinogen-a-pg-a/43034>