

Human Xaa-Pro Dipeptidase/Prolidase (PEPD) ELISA Kit | PEPD elisa kit

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CATALOG #
AAA43807

REACTIVITY
Human

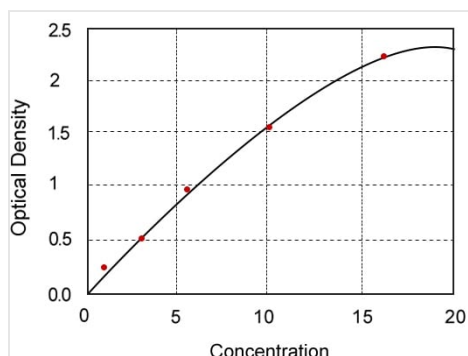
PRODUCT SYNONYMS

Xaa-Pro Dipeptidase/Prolidase (PEPD); Human Xaa-Pro Dipeptidase/Prolidase (PEPD) ELISA Kit; PEPD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	492
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 150ng/ml
Sensitivity	0.23ng/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 PEPD elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Xaa-Pro Dipeptidase/Prolidase (also known as PEPD) 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 PEPD antibody. PEPD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human PEPD Antibody is added and binds to PEPD in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated PEPD 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 PEPD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	57528238
NCBI GeneID	292808
NCBI Accession #	NP_001009641.1
NCBI GenBank Nucleotide #	NM_001009641.1
UniProt Accession #	Q5I0D7
Molecular Weight	54,751 Da
NCBI Official Full Name	xaa-Pro dipeptidase
NCBI Official Synonym Full Names	peptidase D
NCBI Official Symbol	Peptd
NCBI Protein Information	xaa-Pro dipeptidase
UniProt Protein Name	Xaa-Pro dipeptidase
UniProt Gene Name	Peptd
UniProt Synonym Gene Names	X-Pro dipeptidase; Prolidase

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/xaa-pro-dipeptidase-prolidase-pepd/43807>