

Human Ectonucleoside triphosphate diphosphohydrolase 5 ELISA Kit | ENTPD5 elisa kit

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CATALOG #
AAA57474

REACTIVITY
Human

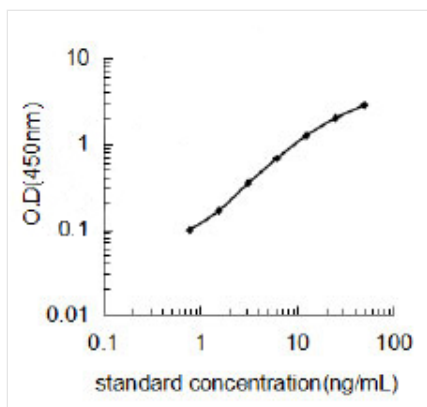
PRODUCT SYNONYMS

Ectonucleoside triphosphate diphosphohydrolase 5; Human Ectonucleoside triphosphate diphosphohydrolase 5 ELISA Kit; NTPDase 5; CD39 antigen-like 4; ER-UDPase; Guanosine-diphosphatase ENTPD5; GDPase ENTPD5; Nucleoside diphosphatase; ENTPD5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human NTPDase 5
Sequence Length	428
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.404 ng/mL
Intra-assay Precision	<=6.4%
Inter-assay Precision	<=7.7%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ENTPD5 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557427
NCBI GeneID	957
NCBI Accession #	NP_001240.1
NCBI GenBank Nucleotide #	NM_001249.2
UniProt Accession #	O75356; Q96RX0; A1L4C5
Molecular Weight	47,517 Da
NCBI Official Full Name	ectonucleoside triphosphate diphosphohydrolase 5
NCBI Official Synonym Full Names	ectonucleoside triphosphate diphosphohydrolase 5
NCBI Official Symbol	ENTPD5
NCBI Official Synonym Symbols	PCPH; CD39L4; NTPDase-5
NCBI Protein Information	ectonucleoside triphosphate diphosphohydrolase 5
UniProt Protein Name	Ectonucleoside triphosphate diphosphohydrolase 5
UniProt Gene Name	ENTPD5
UniProt Synonym Gene Names	CD39L4; PCPH; NTPDase 5; GDPase ENTPD5; UDPase ENTPD5
UniProt Entry Name	ENTP5_HUMAN

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/entpd5-human-elisa-kits/ectonucleoside-triphosphate-diphosphohydrolase-5/57474>