

Human ectonucleoside triphosphate diphosphohydrolase 1 ELISA Kit | ENTPD1 elisa kit

Human Ectonucleoside triphosphate diphosphohydrolase 1, ENTPD1 ELISA Kit

CATALOG #
AAA18071

REACTIVITY
Human

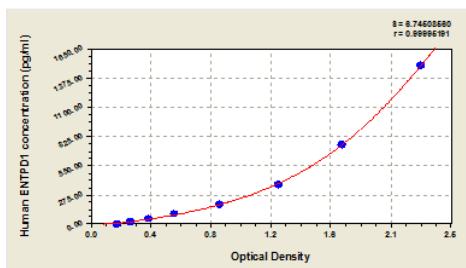
PRODUCT SYNONYMS

ectonucleoside triphosphate diphosphohydrolase 1; Human Ectonucleoside triphosphate diphosphohydrolase 1; ENTPD1 ELISA Kit; Human Ectonucleoside triphosphate diphosphohydrolase 1 (ENTPD1) ELISA kit; ATPDase; CD39; DKFZp686D194; DKFZp686I093; FLJ40921; FLJ40959; NTPDase-1; CD39 antigen; NTPDase 1; ecto-ATP diphosphohydrolase; ecto-apyrase; lymphoid cell activation antigen; ENTPD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ENTPD1. No significant cross-reactivity or interference between human ENTPD1 and analogues was observed.
Sequence Length	517
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	23.44 pg/ml-1500 pg/ml
Sensitivity	< 5.86 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ENTPD1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ENTPD1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ENTPD1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ENTPD1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ENTPD1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	147905700
NCBI GeneID	953
NCBI Accession #	NP_001091645.1
NCBI GenBank Nucleotide #	NM_001098175.1
UniProt Accession #	P49961; Q5T561; Q5T562; Q86VV3; Q9UQQ9; Q9Y3Q9; A9Z1X8; B4DWB9; B4E1X1; B7Z599; G3XAF6
Molecular Weight	57,965 Da
NCBI Official Full Name	ectonucleoside triphosphate diphosphohydrolase 1 isoform 2
NCBI Official Synonym Full Names	ectonucleoside triphosphate diphosphohydrolase 1
NCBI Official Symbol	ENTPD1
NCBI Official Synonym Symbols	CD39; SPG64; ATPDase; NTPDase-1
NCBI Protein Information	ectonucleoside triphosphate diphosphohydrolase 1; NTPDase 1; CD39 antigen; ecto-apyrase; ecto-ATPase 1; ecto-ATPDase 1; ecto-ATP diphosphohydrolase 1; lymphoid cell activation antigen
UniProt Protein Name	Ectonucleoside triphosphate diphosphohydrolase 1
UniProt Gene Name	ENTPD1
UniProt Synonym Gene Names	CD39; NTPDase 1; Ecto-ATPDase 1; Ecto-ATPase 1
UniProt Entry Name	ENTP1_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/entpd1-human-elisa-kits/ectonucleoside-triphosphate-diphosphohydrolase-1/18071>