

Human CD226 molecule ELISA Kit | CD226 elisa kit

Human CD226 antigen, CD226 ELISA Kit

CATALOG #
AAA112446

REACTIVITY
Human

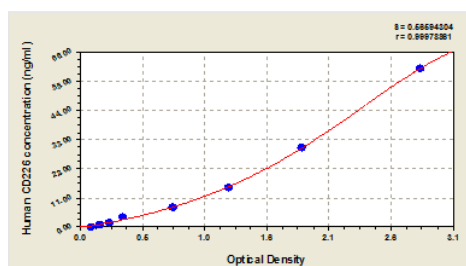
PRODUCT SYNONYMS

CD226 molecule; Human CD226 antigen; CD226 ELISA Kit; Human CD226 antigen (CD226) ELISA kit; DNAM-1; DNAM1; PTA1; TLISA1; CD226 antigen; DNAX accessory molecule-1; T lineage-specific activation antigen 1 antigen; adhesion glycoprotein; platelet and T cell activation antigen 1; CD226 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human CD226. No significant cross-reactivity or interference between Human CD226 and analogues was observed.
Sequence Length	336
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.9 ng/ml-60 ng/ml
Sensitivity	0.22 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Cell Adhesion
Protein Biological Process 3	Cell adhesion
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 CD226 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD226 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD226 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD226 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 CD226 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 #	171460997
NCBI GeneID	10666
NCBI Accession #	NP_006557.2
NCBI GenBank Nucleotide #	NM_006566.2
UniProt Accession #	Q15762; B2R818
Molecular Weight	38,614 Da
NCBI Official Full Name	CD226 antigen
NCBI Official Synonym Full Names	CD226 molecule
NCBI Official Symbol	CD226
NCBI Official Synonym Symbols	PTA1; DNAM1; DNAM-1; TLISA1
NCBI Protein Information	CD226 antigen; adhesion glycoprotein; DNAX accessory molecule 1; DNAX accessory molecule-1; platelet and T cell activation antigen 1; T lineage-specific activation antigen 1 antigen
UniProt Protein Name	CD226 antigen
UniProt Gene Name	CD226
UniProt Synonym Gene Names	DNAM1; DNAM-1
UniProt Entry Name	CD226_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/human-elisa-kits/cd226-molecule/112446>