

Human CD109 molecule ELISA Kit | CD109 elisa kit

Human CD109 antigen, CD109 ELISA Kit

CATALOG #
AAA112308

REACTIVITY
Human

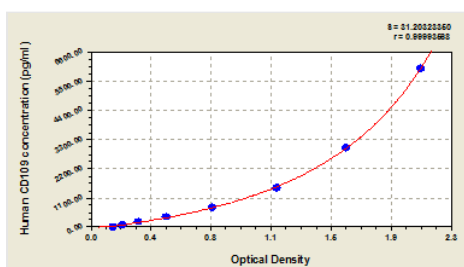
PRODUCT SYNONYMS

CD109 molecule; Human CD109 antigen; CD109 ELISA Kit; Human CD109 antigen (CD109) ELISA kit; CPAMD7; DKFZp762L1111; FLJ38569; FLJ41966; RP11-525G3.1; CD109 antigen; Gov platelet alloantigens; activated T-cell marker CD109; CD109 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CD109. No significant cross-reactivity or interference between human CD109 and analogues was observed.
Sequence Length	1428
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	93.75 pg/ml -6000 pg/mL
Sensitivity	<23.43 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 CD109 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CD109 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CD109 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CD109 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 CD109 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	227430301
NCBI GeneID	135228
NCBI Accession #	NP_001153059.1
NCBI GenBank Nucleotide #	NM_001159587.2
UniProt Accession #	Q6YHK3; Q0P6K7; Q5SYA8; Q5XUM7; Q5XUM9; Q6MZI7; Q8N3A7; Q8N915; Q8TDJ2; A5YKK4; B2R948; B3KW25
Molecular Weight	161,689 Da
NCBI Official Full Name	CD109 antigen isoform 2 preproprotein
NCBI Official Synonym Full Names	CD109 molecule
NCBI Official Symbol	CD109
NCBI Official Synonym Symbols	p180; r150; CPAMD7
NCBI Protein Information	CD109 antigen; Gov platelet alloantigens; activated T-cell marker CD109; platelet-specific Gov antigen; 150 kDa TGF-beta-1-binding protein; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 7
UniProt Protein Name	CD109 antigen
UniProt Gene Name	CD109
UniProt Synonym Gene Names	CPAMD7
UniProt Entry Name	CD109_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/cd109-molecule/112308>