

Human CD69 ELISA Kit | CD69 elisa kit

Human CD69 PicoKine ELISA Kit

CATALOG #
AAA125259

REACTIVITY
Human

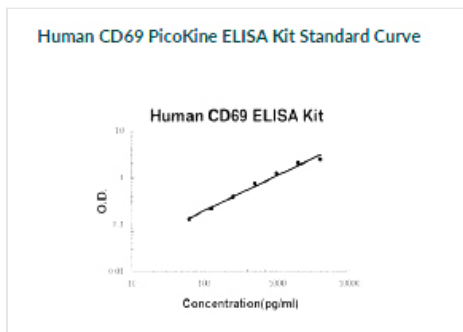
PRODUCT SYNONYMS

CD69; Human CD69 PicoKine ELISA Kit; Human CD69; CD69 molecule; Early activation antigen CD69; Activation inducer molecule; AIM; BL-AC/P26; C-type lectin domain family 2 member C; EA1; Early T-cell activation antigen p60; GP32/28; Leukocyte surface antigen Leu-23; MLR-3; CLEC2C; CD69 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CD69
Sequence Length	199
Samples	Cell culture supernates, serum and plasma (heparin, EDTA, citrate)
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	<50pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD69 elisa kit	Principle of the Assay: The Picokine™ Human CD69 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human CD69 with a 96-well strip plate that is pre-coated with antibody specific for CD69. The detection antibody is a biotinylated antibody specific for CD69. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human CD69 with immunogen: Expression system for standard: NSO, Immunogen sequence: S62-K199. The kit is analytically validated with ready to use reagents. To measure Human CD69, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human CD69 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CD69 in the sample.!!Background/Introduction: CD69 (Cluster of Differentiation 69) is a human transmembrane C-Type lectin protein encoded by the CD69 gene. This gene is mapped to 6 F3; 6 63.21 cM. This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	584906
NCBI GeneID	969
UniProt Accession #	Q07108
NCBI Official Full Name	Early activation antigen CD69
NCBI Official Synonym Full Names	CD69 molecule
NCBI Official Symbol	CD69
NCBI Official Synonym Symbols	AIM; EA1; MLR-3; CLEC2C; GP32/28; BL-AC/P26
NCBI Protein Information	early activation antigen CD69
UniProt Protein Name	Early activation antigen CD69
UniProt Gene Name	CD69
UniProt Synonym Gene Names	CLEC2C; AIM
UniProt Entry Name	CD69_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/cd69/125259>