

Mouse CD6 ELISA Kit | CD6 elisa kit

Mouse CD6 PicoKine ELISA Kit

CATALOG #
AAA45805

REACTIVITY
Mouse

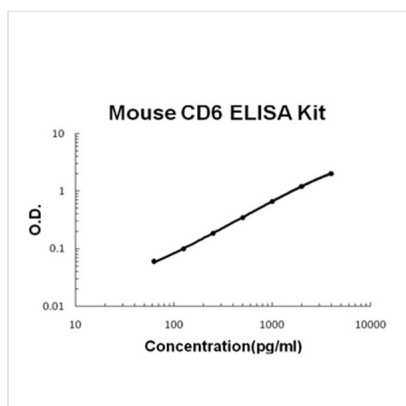
PRODUCT SYNONYMS

CD6; Mouse CD6 PicoKine ELISA Kit; T-cell differentiation antigen CD6; CD6 molecule; CD_antigen; CD6 antigen Tp120; CD6_HUMAN; FLJ44171; OX52; T cell differentiation antigen CD6; T12; TP120; CD6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse CD6
Sequence Length	665
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	< 10pg/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 between 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, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse CD6 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for CD6 elisa kit	Principle of the assay: mouse CD6 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for CD6 has been precoated onto 96-well plates. Standards(NSO, L18-G396) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for CD6 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse CD6 amount of sample captured in plate. Background: CD6(Cluster of Differentiation 6) is a human protein encoded by the CD6 gene. It is mapped to 11q12.2. CD6 is expressed predominantly in peripheral T cells and mature medullary thymocytes. This gene encodes a protein found on the outer membrane of T-lymphocytes as well as some other immune cells. The encoded protein contains three scavenger receptor cysteine-rich (SRCR) domains and a binding site for an activated leukocyte cell adhesion molecule. The gene product is important for continuation of T cell activation. What's more, this gene may be associated with susceptibility to multiple sclerosis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	341940337
NCBI GeneID	12511
UniProt Accession #	Q61003; Q60679; Q61004; Q8BGK1
Molecular Weight	67,892 Da
NCBI Official Full Name	T-cell differentiation antigen CD6
NCBI Official Synonym Full Names	CD6 antigen
NCBI Official Symbol	Cd6
NCBI Protein Information	T-cell differentiation antigen CD6
UniProt Protein Name	T-cell differentiation antigen CD6
UniProt Gene Name	Cd6
UniProt Entry Name	CD6_MOUSE

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.