

Mouse T-Cell Differentiation Antigen Cd6, Cd6 ELISA Kit | Cd6 elisa kit

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CATALOG #
AAA124367

REACTIVITY
Mouse

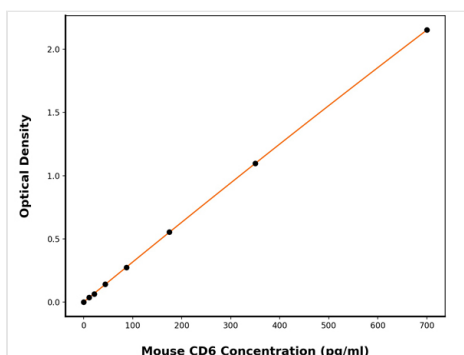
PRODUCT SYNONYMS

T-Cell Differentiation Antigen Cd6; Cd6; Mouse T-Cell Differentiation Antigen Cd6; Cd6 Primacu ELISA Kit; T-cell differentiation antigen CD6; CD6; Cd6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	10.94-700pg/mL
Sensitivity	4.07pg/mL
Standard Solution	7ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for Cd6 elisa kit

T-cell differentiation antigen CD6, also known as TP12 and CD6, is a single-pass type I membrane protein which contains threeSRCR domains. CD6/TP12 is a cell surface glycoprotein expressed primarily on T cells, it may function as a costimulatory molecule and may play a role in autoreactive immune responses. CD6/TP12 is expressed by thymocytes, mature T-cells, a subset of B-cells known as B-1 cells, and by some cells in the brain. CD6 ligand termed CD166 (previously known as activated leukocyte cell adhesion molecule, ALCAM) has been identified and shown to be expressed on activated T cells, B cells, thymic epithelium, keratinocytes, and in rheumatoid arthritis synovial tissue. CD6/TP12 binds to activated leukocyte cell adhesion molecule (CD166), and is considered as a costimulatory molecule involved in lymphocyte activation and thymocyte development. CD6/TP12 partially associates with the TCR/CD3 complex and colocalizes with it at the center of the mature immunological synapse (IS) on T lymphocytes. During thymic development CD6-dependent signals may contribute both to thymocyte survival, and to the overall functional avidity of selection in both man and mouse.

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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/t-cell-differentiation-antigen-cd6-cd6/124367>