

Mouse CD6/Cluster of Differentiation 6 ELISA Kit | CD6 elisa kit

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CATALOG #
AAA258488

REACTIVITY
Mouse

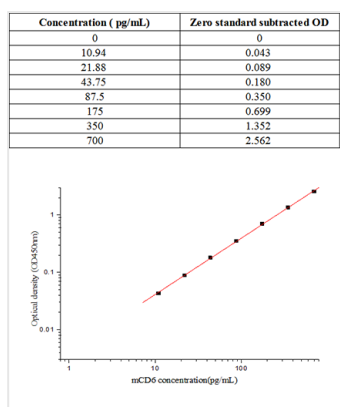
PRODUCT SYNONYMS

CD6/Cluster of Differentiation 6; Mouse CD6/Cluster of Differentiation 6 ELISA Kit; CD6 ELISA Kit; Mouse; CD6 molecule; CD6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The kit has been verified by high purity Mouse CD6/Cluster of Differentiation 6 recombinant protein.
Assay Type	Solid Phase Sandwich ELISA (quantitative)
Sample Types	Recombinant protein
Detection Range	10.94-700pg/mL
Sensitivity	7.79pg/mL
Conjugation	HRP
Materials Provided	1. 96 well microplate coated with Capture Antibody 2. Detection Antibody conjugated to HRP 3. Standards 4. Wash Buffer Concentrate 5. Dilution Buffer Concentrate 6. Color Reagent A 7. Color Reagent B 8. Stop Solution

IMAGES



Standard Curve (Sample)

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

ADDITIONAL INFORMATION

Related Product Information for CD6 elisa kit	This CD6 ELISA Kit, Mouse is an enzyme-linked immunosorbent assay for the quantitative measurement of Mouse CD6 protein in Recombinant protein. It contains recombinant Mouse CD6, and antibodies raised against the recombinant protein. This ELISA kit is complete and ready-to-use. Background: 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.
References	Joo YS. et al., 2000, Arthritis Rheum. 43 (2): 329-35. Singer NG. et al., 2002, Int Immunol. 14 (6): 585-97. Gimferrer I. et al., 2005, J Immunol. 175 (3): 1406-14. Alonso R. et al., 2010, J Autoimmun. 35 (4): 336-41.

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/cd6-cluster-of-differentiation-6/258488>