

Mouse T-Cell Surface Glycoprotein Cd5, Cd5 ELISA Kit | Cd5 elisa kit

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CATALOG #
AAA124359

REACTIVITY
Mouse

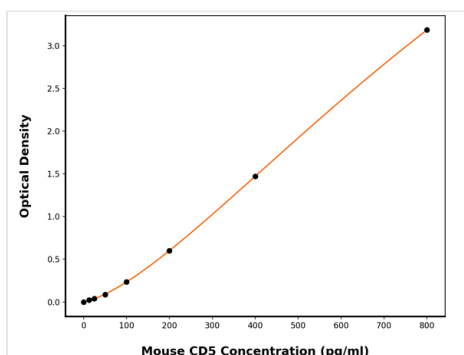
PRODUCT SYNONYMS

T-Cell Surface Glycoprotein Cd5; Cd5; Mouse T-Cell Surface Glycoprotein Cd5; Cd5 Primacu ELISA Kit; T-cell surface glycoprotein CD5; CD5; Ly-1; Cd5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	12.5-800pg/mL
Sensitivity	2.38pg/mL
Standard Solution	8ng/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 Cd5 elisa kit

The cluster of differentiation (CD) system is commonly used as cell markers in Immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. CD5 is a member of the CD system. CD5 was found to be widely distributed in T-cells and B1 cells which is a subset of IgM-secreting B cells. CD5 also was found expressed in small lymphocytic lymphoma, hairy cell leukaemia and mantle cell lymphoma cells. CD5 serves to weaken the activating stimulus from the BCR so that the B1 cells can only reflect to the very strong stimuli but not the normal tissue proteins.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126517489
NCBI GeneID	12507
NCBI Accession #	NP_031676.3
NCBI GenBank Nucleotide #	NM_007650.3
UniProt Accession #	P13379
Molecular Weight	53,849 Da
NCBI Official Full Name	T-cell surface glycoprotein CD5
NCBI Official Synonym Full Names	CD5 antigen
NCBI Official Symbol	Cd5
NCBI Official Synonym Symbols	Ly-1; Ly-A; Ly-12; Lyt-1
NCBI Protein Information	T-cell surface glycoprotein CD5; lymphocyte antigen 1
UniProt Protein Name	T-cell surface glycoprotein CD5
UniProt Gene Name	Cd5
UniProt Synonym Gene Names	Ly-1; Ly-1; Lyt-1
UniProt Entry Name	CD5_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-surface-glycoprotein-cd5-cd5/124359>