

Mouse Thy1 Cell Surface Antigen (Thy1) ELISA Kit | Thy1 elisa kit

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CATALOG # AAA65266	REACTIVITY Mouse
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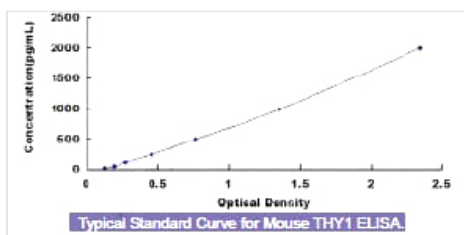
PRODUCT SYNONYMS

Thy1 Cell Surface Antigen (Thy1); Mouse Thy1 Cell Surface Antigen (Thy1) ELISA Kit; CD90; CDw90; THY mocyte differentiation antigen 1; Thy1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of THY1. No significant cross-reactivity or interference between THY1 and analogues was observed.
Sequence Length	162
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	12.5-800pg/mL
Sensitivity	4.9pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level THY1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level THY1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Thy1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of THY1 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to THY1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to THY1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain THY1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of THY1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678347
NCBI GeneID	21838
NCBI Accession #	NP_033408.1
NCBI GenBank Nucleotide #	NM_009382.3
UniProt Accession #	P01831
Molecular Weight	18,080 Da
NCBI Official Full Name	thy-1 membrane glycoprotein preproprotein
NCBI Official Synonym Full Names	thymus cell antigen 1, theta
NCBI Official Symbol	Thy1
NCBI Official Synonym Symbols	T25; CD90; Thy-1; Thy1.1; Thy1.2; Thy-1.2
NCBI Protein Information	thy-1 membrane glycoprotein
UniProt Protein Name	Thy-1 membrane glycoprotein
UniProt Gene Name	Thy1
UniProt Synonym Gene Names	Thy-1

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.