

Mouse Tetraspanin 30 (TSPAN30) ELISA Kit | TSPAN30 elisa kit

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CATALOG #
AAA66095

REACTIVITY
Mouse

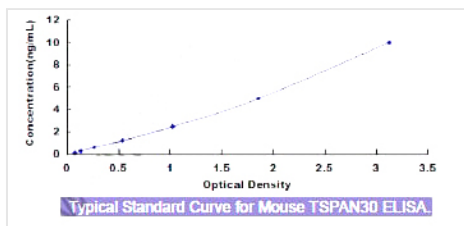
PRODUCT SYNONYMS

Tetraspanin 30 (TSPAN30); Mouse Tetraspanin 30 (TSPAN30) ELISA Kit; CD63; LAMP-3; ME491; MLA1; OMA81H; Melanoma 1 antigen; Granulophysin; Lysosomal-associated membrane protein 3; Ocular melanoma-associated antigen; TSPAN30 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of TSPAN30. No significant cross-reactivity or interference between TSPAN30 and analogues was observed.
Sequence Length	238
Samples	Plasma, tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TSPAN30 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 TSPAN30 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 TSPAN30 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of TSPAN30 in mouse plasma, tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TSPAN30. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TSPAN30. 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 TSPAN30, 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 TSPAN30 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 #	110431344
NCBI GeneID	12512
NCBI Accession #	NP_001036045.1
NCBI GenBank Nucleotide #	NM_001042580.1
UniProt Accession #	P41731
Molecular Weight	25,767 Da
NCBI Official Full Name	CD63 antigen
NCBI Official Synonym Full Names	CD63 antigen
NCBI Official Symbol	Cd63
NCBI Official Synonym Symbols	ME491; C75951; Tspan30
NCBI Protein Information	CD63 antigen
UniProt Protein Name	CD63 antigen
UniProt Gene Name	Cd63

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/tetraspanin-30-tspan30/66095>