

Mouse Extracellular Sulfatase Sulf-1 (SULF1) ELISA Kit | SULF1 elisa kit

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CATALOG #
AAA219687

REACTIVITY
Mouse

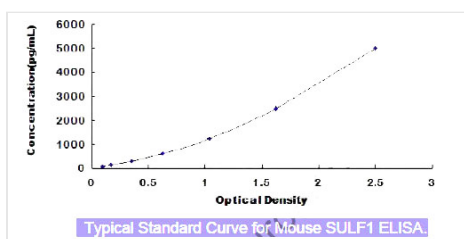
PRODUCT SYNONYMS

Extracellular Sulfatase Sulf-1 (SULF1); Mouse Extracellular Sulfatase Sulf-1 (SULF1) ELISA Kit; HSULF-1; Extracellular sulfatase Sulf-1; SULF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of STX1A. No significant cross-reactivity or interference between STX1A and analogues was observed.
Purity/Purification	Affinity Purification
Sequence Length	870
Samples	Human Tissue Homogenates, Cell Lysates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.056ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level STX1A 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 STX1A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C or -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SULF1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of STX1A in human tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to STX1A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to STX1A. 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 STX1A, 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 STX1A 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 #	310616752
NCBI GeneID	240725
NCBI Accession #	NP_001185494.1
NCBI GenBank Nucleotide #	NM_001198565.1
UniProt Accession #	Q8K007; Q6ZPZ0; Q8BLJ0; Q8C1D3
Molecular Weight	100,923 Da
NCBI Official Full Name	extracellular sulfatase Sulf-1
NCBI Official Synonym Full Names	sulfatase 1
NCBI Official Symbol	Sulf1
NCBI Official Synonym Symbols	AI467640; AW121680; mKIAA1077
NCBI Protein Information	extracellular sulfatase Sulf-1
UniProt Protein Name	Extracellular sulfatase Sulf-1
UniProt Gene Name	Sulf1
UniProt Synonym Gene Names	Kiaa1077; mSulf-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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/extracellular-sulfatase-sulf-1-sulf1/219687>