

Mouse Midline 1 (MID1) ELISA Kit | MID1 elisa kit

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CATALOG # AAA67254	REACTIVITY Mouse
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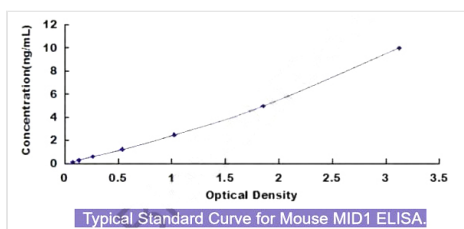
PRODUCT SYNONYMS

Midline 1 (MID1); Mouse Midline 1 (MID1) ELISA Kit; MID1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MID1. No significant cross-reactivity or interference between MID1 and analogues was observed.
Sequence Length	667
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.052ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MID1 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 MID1 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 MID1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MID1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MID1. 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 MID1, 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 MID1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of MID1 in mouse tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	594190922
NCBI GeneID	17318
NCBI Accession #	NP_001277433.1
NCBI GenBank Nucleotide #	NM_001290504.1
UniProt Accession #	O70583; O35418; Q7TPT6; B1AV00
Molecular Weight	70,572 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase Midline-1 isoform 2
NCBI Official Synonym Full Names	midline 1
NCBI Official Symbol	Mid1
NCBI Official Synonym Symbols	Fxy; 61B3-R; Trim18; DXHXS1141
NCBI Protein Information	E3 ubiquitin-protein ligase Midline-1
UniProt Protein Name	E3 ubiquitin-protein ligase Midline-1
UniProt Gene Name	Mid1
UniProt Synonym Gene Names	Fxy; Trim18

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/midline-1-mid1/67254>