

Mouse Integral membrane protein 2B (ITM2B) ELISA Kit | ITM2B elisa kit

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CATALOG #
AAA244703

REACTIVITY
Mouse

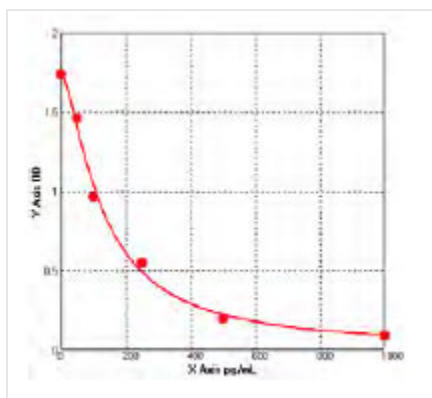
PRODUCT SYNONYMS

Integral membrane protein 2B (ITM2B); Mouse Integral membrane protein 2B (ITM2B) ELISA Kit; ITM2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITM2B elisa kit

Intended Uses: This ITM2B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ITM2B. This ELISA kit for research use only!

Principle of the Assay: ITM2B ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ITM2B antibody and an ITM2B-HRP conjugate. The assay sample and buffer are incubated together with ITM2B-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ITM2B concentration since ITM2B from samples and ITM2B-HRP conjugate compete for the anti-ITM2B antibody binding site. Since the number of sites is limited, as more sites are occupied by ITM2B from the sample, fewer sites are left to bind ITM2B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ITM2B concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11527402
NCBI GeneID	9445
NCBI Accession #	NP_068839.1
NCBI GenBank Nucleotide #	NM_021999.4
Molecular Weight	18,283 Da
NCBI Official Full Name	integral membrane protein 2B
NCBI Official Synonym Full Names	integral membrane protein 2B
NCBI Official Symbol	ITM2B
NCBI Official Synonym Symbols	BRI; FBD; ABRI; BRI2; E25B; E3-16; imBRI2; BRICD2B
NCBI Protein Information	integral membrane protein 2B; immature BRI2; ABri/ADan amyloid peptide; transmembrane protein BRI; BRICHOS domain containing 2B
UniProt Protein Name	Integral membrane protein 2B
UniProt Gene Name	ITM2B
UniProt Synonym Gene Names	BRI; BRI2; imBRI2; Bri; mBRI2; BRI2 ICD; Bri2-23
UniProt Entry Name	ITM2B_HUMAN

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/integral-membrane-protein-2b-itm2b/244703>