

Human Integral membrane protein 2C (ITM2C) ELISA Kit | ITM2C elisa kit

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CATALOG #
AAA246546

REACTIVITY
Human

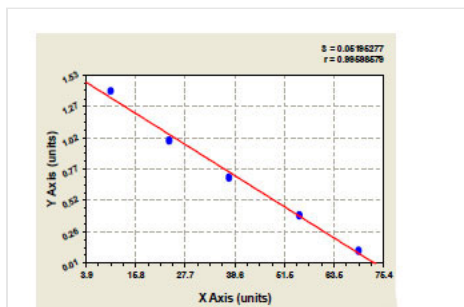
PRODUCT SYNONYMS

Integral membrane protein 2C (ITM2C); Human Integral membrane protein 2C (ITM2C) ELISA Kit; ITM2C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITM2C elisa kit

Intended Uses: This ITM2C ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ITM2C. This ELISA kit for research use only!

Principle of the Assay: ITM2C ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-ITM2C antibody and an ITM2C-HRP conjugate. The assay sample and buffer are incubated together with ITM2C-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 ITM2C concentration since ITM2C from samples and ITM2C-HRP conjugate compete for the anti-ITM2C antibody binding site. Since the number of sites is limited, as more sites are occupied by ITM2C from the sample, fewer sites are left to bind ITM2C-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ITM2C concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ITM2C elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	71051317
NCBI GeneID	81618
Molecular Weight	25,921 Da
NCBI Official Full Name	Integral membrane protein 2C
NCBI Official Synonym Full Names	integral membrane protein 2C
NCBI Official Symbol	ITM2C
NCBI Official Synonym Symbols	E25; BRI3; E25C; ITM3; BRICD2C
NCBI Protein Information	integral membrane protein 2C; cerebral protein 14; transmembrane protein BRI3; integral membrane protein 3; BRICHOS domain containing 2C
UniProt Protein Name	Integral membrane protein 2C
UniProt Gene Name	ITM2C
UniProt Synonym Gene Names	BRI3; hucep-14; NPD018; PSEC0047
UniProt Entry Name	ITM2C_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/human-elisa-kits/integral-membrane-protein-2c-itm2c/246546>