

Human Syntaxin-2 (STX2) ELISA Kit | STX2 elisa kit

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CATALOG #
AAA330615

REACTIVITY
Human

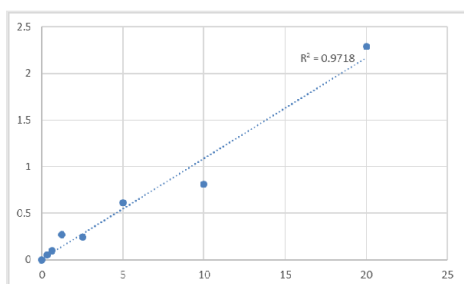
PRODUCT SYNONYMS

Syntaxin-2 (STX2); Human Syntaxin-2 (STX2) ELISA Kit; STX2; EPIM; EPM; MGC51014; STX2A; STX2B; STX2C; epimorphin; STX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Syntaxin-2 (STX2) ELISA Kit has high sensitivity and excellent specificity for detection of Human STX2. No significant cross-reactivity or interference between Human STX2 and analogues was observed.
Sequence Length	287
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Syntaxin-2 (STX2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for STX2 elisa kit	Description: This Human Syntaxin-2 (STX2) ELISA Kit employs a two-site sandwich ELISA to quantitate STX2 in samples. An antibody specific for STX2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any STX2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for STX2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of STX2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Syntaxins are a family of membrane integrated Q-SNARE proteins participating in exocytosis. Syntaxins possess a single C-terminal transmembrane domain, a SNARE domain (known as H3), and an N-terminal regulatory domain (Habc). Syntaxin-2 is a protein belongs to the syntaxin/epimorphin family of proteins. The syntaxins are a large protein family implicated in the targeting and fusion of intracellular transport vesicles. The product of this gene regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. Alternatively spliced transcript variants encoding different isoforms have been identified.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37577287
NCBI GeneID	2054
NCBI Accession #	NP_001971.2
NCBI GenBank Nucleotide #	NP_001971.2
UniProt Accession #	P32856
NCBI Official Full Name	syntaxin-2 isoform 1
NCBI Official Synonym Full Names	syntaxin 2
NCBI Official Symbol	STX2
NCBI Official Synonym Symbols	EPM; EPIM; STX2A; STX2B; STX2C
NCBI Protein Information	syntaxin-2
UniProt Protein Name	Syntaxin-2
UniProt Gene Name	STX2
UniProt Synonym Gene Names	EPIM; STX2A; STX2B; STX2C
UniProt Entry Name	STX2_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.