

Mouse Serine/Threonine/Tyrosine-Interacting Protein (STYX) ELISA Kit | STYX elisa kit

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CATALOG #
AAA332289

REACTIVITY
Mouse

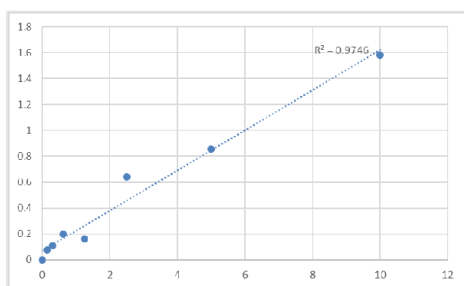
PRODUCT SYNONYMS

Serine/Threonine/Tyrosine-Interacting Protein (STYX); Mouse Serine/Threonine/Tyrosine-Interacting Protein (STYX) ELISA Kit; STYX; FLJ42934; serine/threonine/tyrosine-interacting protein; STYX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Serine/threonine/tyrosine-interacting protein (STYX) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse STYX. No significant cross-reactivity or interference between Mouse STYX and analogues was observed.
Sequence Length	223
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. Mouse Serine/threonine/tyrosine-interacting protein (STYX) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for STYX elisa kit	Description: This Mouse Serine/threonine/tyrosine-interacting protein (STYX) ELISA Kit employs a two-site sandwich ELISA to quantitate STYX in samples. An antibody specific for STYX has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any STYX present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for STYX 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 STYX bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MTMR8 encodes a myotubularin-related protein that, unlike most other members of the myotubularin-related protein family, has no dual-specificity phosphatase domain. Myotubularin-related protein 9 is a myotubularin-related protein that is atypical to most other members of the myotubularin-related protein family because it has no dual-specificity phosphatase domain. The encoded protein contains a double-helical motif similar to the SET interaction domain, which is thought to have a role in the control of cell proliferation. In mouse, a protein similar to the encoded protein binds with MTMR7, and together they dephosphorylate phosphatidylinositol 3-phosphate and inositol 1,3-bisphosphate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46852143
NCBI GeneID	56291
NCBI Accession #	NP_062611.2
NCBI GenBank Nucleotide #	NP_062611.2
UniProt Accession #	Q60969
NCBI Official Full Name	serine/threonine/tyrosine-interacting protein
NCBI Official Synonym Full Names	serine/threonine/tyrosine interaction protein
NCBI Official Symbol	Styx
NCBI Official Synonym Symbols	hStyxb; 0610039A20Rik
NCBI Protein Information	serine/threonine/tyrosine-interacting protein
UniProt Protein Name	Serine/threonine/tyrosine-interacting protein
UniProt Gene Name	Styx
UniProt Entry Name	STYX_MOUSE

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.