

Human Taxilin beta ELISA Kit | TXLNb elisa kit

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CATALOG #
AAA86906

REACTIVITY
Human

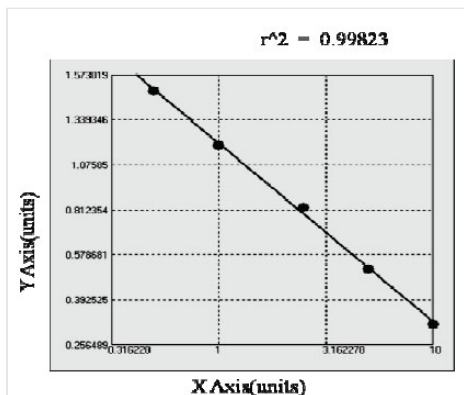
PRODUCT SYNONYMS

Taxilin beta; Human Taxilin beta ELISA Kit; Human Taxilin b ELISA Kit; TXLNb 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
Intended Uses	This TXLNb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human TXLNb. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TXLNb elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	119568284
NCBI GeneID	167838
Molecular Weight	76,519 Da
NCBI Official Full Name	taxilin beta, isoform CRA_a
NCBI Official Synonym Full Names	taxilin beta
NCBI Official Symbol	TXLNB
NCBI Official Synonym Symbols	MDP77; LST001; C6orf198; dJ522B19.2
NCBI Protein Information	beta-taxilin; muscle-derived protein 77
UniProt Protein Name	Beta-taxilin
UniProt Gene Name	TXLNB
UniProt Synonym Gene Names	C6orf198; MDP77; hMDP77
UniProt Entry Name	TXLNB_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.