

Taxilin Beta (TXLNb) CLIA Kit | TXLNb clia kit

CLIA Kit for Taxilin Beta (TXLNb)

CATALOG #
AAA129979

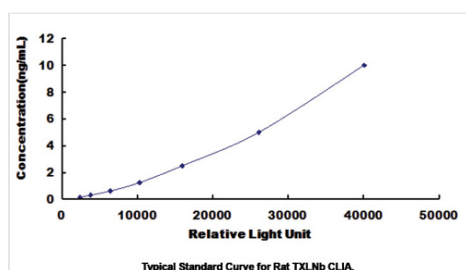
PRODUCT SYNONYMS

Taxilin Beta (TXLNb); CLIA Kit for Taxilin Beta (TXLNb); TXLNb clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Taxilin Beta (TXLNb) No significant cross-reactivity or interference between Taxilin Beta (TXLNb) and analogues was observed.
Sequence Length	684
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	0.014-10ng/mL The standard curve concentrations used for the ELISA's were 10ng/mL, 3.33ng/mL, 1.11ng/mL, 0.37ng/mL, 0.123ng/mL, 0.041ng/mL, 0.014ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.059ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Taxilin Beta (TXLNb) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Taxilin Beta (TXLNb) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Organism Species	Rattus norvegicus (Rat)
Assay Length	4.5 hours
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TXLNb clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Taxilin Beta (TXLNb) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	92098167
NCBI GeneID	167838
UniProt Accession #	Q8N3L3; Q5VTF3; Q76L25; Q86T52; Q8N3S2
Molecular Weight	76,519 Da
NCBI Official Full Name	Taxilin beta
NCBI Official Synonym Full Names	taxilin beta
NCBI Official Symbol	TXLNB
NCBI Official Synonym Symbols	MDP77; LST001; C6orf198; dJ522B19.2; RP3-522B19.2
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.

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Online datasheet: <https://stage.aaabiotech.com/clia-kits/taxilin-beta-txlnb/129979>