

Mouse Cytosolic 5'-nucleotidase III-like protein ELISA Kit | Nt5c3l elisa kit

Mouse Cytosolic 5'-nucleotidase III-like protein ELISA Kit

CATALOG # AAA56075	REACTIVITY Mouse
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PRODUCT SYNONYMS

Cytosolic 5'-nucleotidase III-like protein; Mouse Cytosolic 5'-nucleotidase III-like protein ELISA Kit; Nt5c3l elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse cN-III-like protein. No significant cross-reactivity or interference was observed.
Sequence Length	227
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.18 ng/mL
Intra-Assay CV	<=8.5%
Inter-Assay CV	<=10.0%
Recovery	93%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nt5c3l elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to cN-III-like protein. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for cN-III-like protein and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain cN-III-like protein, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of cN-III-like protein in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156627553
NCBI GeneID	68106

NCBI Accession #	NP_001096120.1
NCBI GenBank Nucleotide #	NM_001102650.1
UniProt Accession #	Q3UFY7; Q3TLP3; Q8BHU9; Q91WE8; Q9D9F9; A2A4I2; A2A4I3
Molecular Weight	33,578 Da
NCBI Official Full Name	7-methylguanosine phosphate-specific 5'-nucleotidase isoform 1
NCBI Official Synonym Full Names	5'-nucleotidase, cytosolic IIIB
NCBI Official Symbol	Nt5c3b
NCBI Official Synonym Symbols	Nt5c3l; AI841843; 2610037D24Rik; C330027I04Rik
NCBI Protein Information	7-methylguanosine phosphate-specific 5'-nucleotidase
UniProt Protein Name	7-methylguanosine phosphate-specific 5'-nucleotidase
UniProt Gene Name	Nt5c3b
UniProt Synonym Gene Names	Nt5c3l; cN-III-like protein
UniProt Entry Name	5NT3B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/nt5c3l-mouse-elisa-kits/cytosolic-5-nucleotidase-iii-like-protein/56075>