

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

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CATALOG #
AAA56141

REACTIVITY
Rat

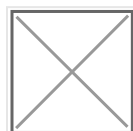
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural Rat cN-III -like protein. No significant cross-reactivity or interference was observed.
Sequence Length	227
Assay Type	Competitive
Detection Range	0.312-20 ng/mL
Sensitivity	0.182 ng/mL
Intra-Assay CV	<=5.1%
Inter-Assay CV	<=7.5%
Recovery	99%
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 ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to cN-III -like protein. During the reaction, cN-III -like protein in the sample or standard competes with a fixed amount of biotin-labeled cN-III -like protein for sites on a pre-coated Monoclonal antibody specific to cN-III -like protein. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #

156627555

NCBI GeneID	360629
NCBI Accession #	NP_001007724.2
NCBI GenBank Nucleotide #	NM_001007723.2
UniProt Accession #	Q6AYP7 ; F8WG43
Molecular Weight	34,536 Da
NCBI Official Full Name	7-methylguanosine phosphate-specific 5'-nucleotidase
NCBI Official Synonym Full Names	5'-nucleotidase, cytosolic IIIB
NCBI Official Symbol	Nt5c3b
NCBI Official Synonym Symbols	Nt5c3l
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_RAT

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/nt5c3l-rat-elisa-kits/cytosolic-5-nucleotidase-iii-like-protein/56141>