

Rat 5'-nucleotidase ELISA Kit | Nt5e elisa kit

Rat 5'-nucleotidase ELISA Kit

CATALOG #
AAA99886

REACTIVITY
Rat

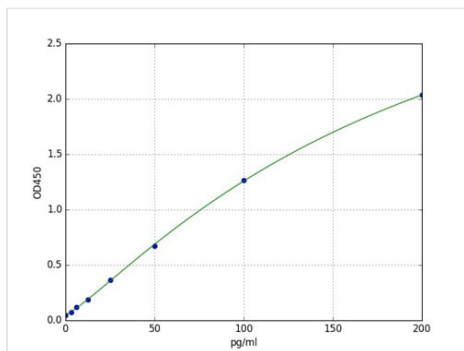
PRODUCT SYNONYMS

5'-nucleotidase; Rat 5'-nucleotidase ELISA Kit; Nt5e; Nt5e elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	576
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200pg/ml
Sensitivity	1.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat Nt5e ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	3.125	6.25	12.5	25	50	100	200
Y	OD450	0.009	0.108	0.224	0.380	0.701	0.996	1.517	2.177

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nt5e elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Nt5e antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Nt5e antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Nt5e amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Nt5e can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

148747417

NCBI GeneID	58813
NCBI Accession #	NP_067587.2
NCBI GenBank Nucleotide #	NM_021576.2
Molecular Weight	63,969 Da
NCBI Official Full Name	5'-nucleotidase
NCBI Official Synonym Full Names	5' nucleotidase, ecto
NCBI Official Symbol	Nt5e
NCBI Official Synonym Symbols	Nt5; CD73
NCBI Protein Information	5'-nucleotidase
UniProt Protein Name	5'-nucleotidase
UniProt Gene Name	Nt5e
UniProt Synonym Gene Names	Nt5; Nte; 5'-NT
UniProt Entry Name	5NTD_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/nt5e-rat-elisa-kits/5-nucleotidase/99886>