

Rat 5'-nucleotidase/cluster of differentiation 73 (NT5E/CD73) ELISA Kit | NT5E/CD73 elisa kit

Rat 5'-nucleotidase/cluster of differentiation 73, NT5E/CD73 ELISA Kit

CATALOG # AAA112376	REACTIVITY Rat
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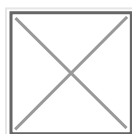
PRODUCT SYNONYMS

5'-nucleotidase/cluster of differentiation 73 (NT5E/CD73); Rat 5'-nucleotidase/cluster of differentiation 73; NT5E/CD73 ELISA Kit; Rat 5'-nucleotidase/cluster of differentiation 73 (NT5E/CD73) ELISA kit; NT5E/CD73 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat NT5E/CD73. No significant cross-reactivity or interference between rat NT5E/CD73 and analogues was observed.
Sequence Length	264
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell culture supernates
Detection Range	0.625 mIU/ml-40 mIU/ml
Sensitivity	< 0.156 mIU/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NT5E/CD73 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NT5E/CD73 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NT5E/CD73 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NT5E/CD73 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NT5E/CD73 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16198518
NCBI GeneID	4907
UniProt Accession #	Q96B60; P21589
Molecular Weight	28,841 Da
NCBI Official Full Name	NT5E protein
NCBI Official Synonym Full Names	5'-nucleotidase, ecto (CD73)
NCBI Official Symbol	NT5E
NCBI Official Synonym Symbols	NT; eN; NT5; NTE; eNT; CD73; E5NT; CALJA
NCBI Protein Information	5'-nucleotidase; 5'-NT; ecto-5'-nucleotidase; Purine 5-Prime-Nucleotidase
UniProt Protein Name	5'-nucleotidase
UniProt Gene Name	NT5E
UniProt Synonym Gene Names	hCG_401111
UniProt Entry Name	Q96B60_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/rat-elisa-kits/5-nucleotidase-cluster-of-differentiation-73-nt5e-cd73/112376>