

Mouse NADH-cytochrome b5 reductase 3 ELISA Kit | Cyb5r3 elisa kit

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CATALOG #
AAA98812

REACTIVITY
Mouse

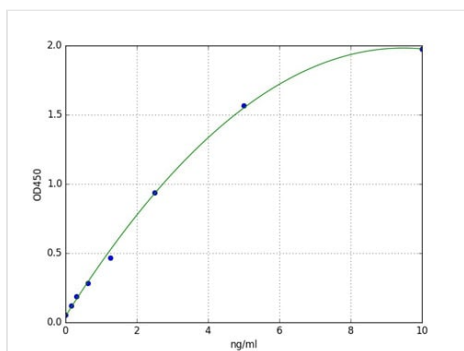
PRODUCT SYNONYMS

NADH-cytochrome b5 reductase 3; Mouse NADH-cytochrome b5 reductase 3 ELISA Kit; Cyb5r3/Diaphorase-1/; Cyb5r3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	301
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 Mouse Cyb5r3 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.084	0.135	0.173	0.277	0.424	0.823	1.446	2.167

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cyb5r3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Cyb5r3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Cyb5r3 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 Mouse Cyb5r3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Cyb5r3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

20302049

NCBI GeneID	25035
NCBI Accession #	NP_620232.1
NCBI GenBank Nucleotide #	NM_138877.1
Molecular Weight	31,592 Da
NCBI Official Full Name	NADH-cytochrome b5 reductase 3
NCBI Official Synonym Full Names	cytochrome b5 reductase 3
NCBI Official Symbol	Cyb5r3
NCBI Official Synonym Symbols	Dia1; Nadhcb5; RNNADHCB5
NCBI Protein Information	NADH-cytochrome b5 reductase 3
UniProt Protein Name	NADH-cytochrome b5 reductase 3
UniProt Gene Name	Cyb5r3
UniProt Synonym Gene Names	Dia1; B5R; Cytochrome b5 reductase
UniProt Entry Name	NB5R3_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/cyb5r3-mouse-elisa-kits/nadh-cytochrome-b5-reductase-3/98812>