

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

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CATALOG #
AAA309966

REACTIVITY
Mouse

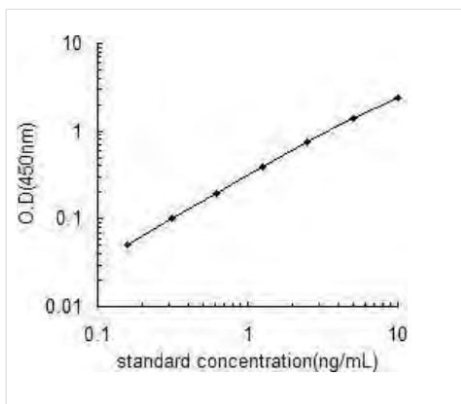
PRODUCT SYNONYMS

NADH-cytochrome b5 reductase 3; Mouse NADH-cytochrome b5 reductase 3 ELISA Kit; B5R; Cytochrome b5 reductase; Diaphorase-1; Cyb5r3; Dia1; 1.6.2.2; Cyb5r3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse B5R. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.156-10 ng/mL
Assay Time	3-5h
Sample Volume	100T
Detection Wavelength	450 nm
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cyb5r3 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre- coated with an antibody specific to B5R. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for B5R 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 B5R, 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 B5R in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse nadh-cytochrome b5 reductase 3,B5R concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19745150
NCBI GeneID	109754
NCBI Accession #	NP_084063.1
NCBI GenBank Nucleotide #	NM_029787.2
UniProt Accession #	Q9DCN2
Molecular Weight	31,550 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; Dia-1; C85115; WU:Cyb5r3; 0610016L08Rik; 2500002N19Rik; WU:AL591952.1-001; WU:AL591952.1-002; WU:AL591952.1-003
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

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-3/309966>