

Mouse Cytochrome b reductase 1 (CYBRD1) ELISA Kit | CYBRD1 elisa kit

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CATALOG #
AAA244929

REACTIVITY
Mouse

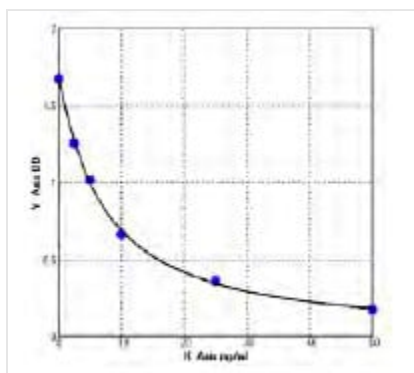
PRODUCT SYNONYMS

Cytochrome b reductase 1 (CYBRD1); Mouse Cytochrome b reductase 1 (CYBRD1) ELISA Kit; CYBRD1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYBRD1 elisa kit

Intended Uses: This CYBB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CYBB. This ELISA kit for research use only!

Principle of the Assay: CYBB ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CYBB antibody and an CYBB-HRP conjugate. The assay sample and buffer are incubated together with CYBB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CYBB concentration since CYBB from samples and CYBB-HRP conjugate compete for the anti-CYBB antibody binding site. Since the number of sites is limited, as more sites are occupied by CYBB from the sample, fewer sites are left to bind CYBB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYBB concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	74726934
NCBI GeneID	79901
Molecular Weight	25,087 Da
NCBI Official Full Name	Cytochrome b reductase 1
NCBI Official Synonym Full Names	cytochrome b reductase 1
NCBI Official Symbol	CYBRD1
NCBI Official Synonym Symbols	DCYTB; FRRS3; CYB561A2
NCBI Protein Information	cytochrome b reductase 1; duodenal cytochrome b; ferric-chelate reductase 3; cytochrome b561 family, member A2
UniProt Protein Name	Cytochrome b reductase 1
UniProt Gene Name	CYBRD1
UniProt Synonym Gene Names	DCYTB; FRRS3
UniProt Entry Name	CYBR1_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://www.aaabiotech.com/mouse-elisa-kits/cytochrome-b-reductase-1-cybrd1/244929>