

Mouse cytochrome b561 ELISA Kit | Cytb561 elisa kit

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CATALOG #
AAA84609

REACTIVITY
Mouse

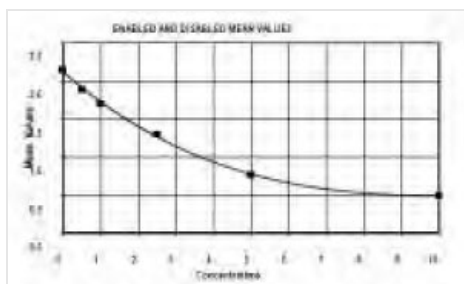
PRODUCT SYNONYMS

cytochrome b561; Mouse cytochrome b561 ELISA Kit; Mouse cytochrome b561 (Cytb561) ELISA Kit; cytochrome b561 (Mouse); Cytb561 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Cell culture fluid, body fluid, tissue homogenate, serum and blood plasma
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cytb561 elisa kit

For Samples: Cell culture fluid, body fluid, tissue homogenate, serum and blood plasma

Intended Uses: This CYB561 ELISA kit is intended for laboratory research use only. The stop solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of CYB561 in the sample, this CYB561 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus CYB561 concentration. The concentration of in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: The coated well immunoenzymatic assay for the quantitative measurement of CYB561 utilizes a monoclonal anti-CYB561 antibody and an CYB561-HRP conjugate. The assay sample and buffer are incubated together with CYB561-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 CYB561 concentration since CYB561 from samples and CYB561-HRP conjugate compete for the anti-CYB561 antibody binding site. Since the number of sites is limited, as more sites are occupied by CYB561 from the sample, fewer sites are left to bind CYB561-HRP conjugate. Standards of known CYB561 concentrations are run concurrently with the samples being assayed and a standard curve is plotted relating the intensity of the color (Optical Density) to the concentration of CYB561. The CYB561 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	114145594
NCBI GeneID	493872
NCBI Accession #	NP_001041449.1
NCBI GenBank Nucleotide #	NM_001047984.1
NCBI Official Full Name	cytochrome b561
NCBI Official Symbol	cytb561
NCBI Protein Information	cytochrome b561

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/cytb561-mouse-elisa-kits/cytochrome-b561/84609>