

Rat cytochrome b561 ELISA Kit | Cytb561 elisa kit

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CATALOG #
AAA87960

REACTIVITY
Rat

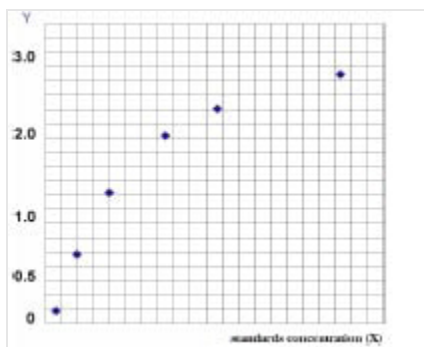
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cytb561 elisa kit

Intended Uses: This CYTB561 ELISA kit is intended Laboratory for 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 CYTB561 in the sample, this CYTB561 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 CYTB561 concentration. The concentration of CYTB561 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Principle of the Assay: This CYTB561 enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for CYTB561. Standards or samples are then added to the microtiter plate wells and CYTB561 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CYTB561 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CYTB561 are added to each well to "sandwich" the CYTB561 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CYTB561 and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.

Product Categories/Family for Cytb561 elisa kit

[Rat ELISA Kit](#)

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-rat-elisa-kits/cytochrome-b561/87960>