

Monkey Cytochrome b-561 ELISA Kit | CYB561 elisa kit

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CATALOG #
AAA95357

REACTIVITY
Monkey

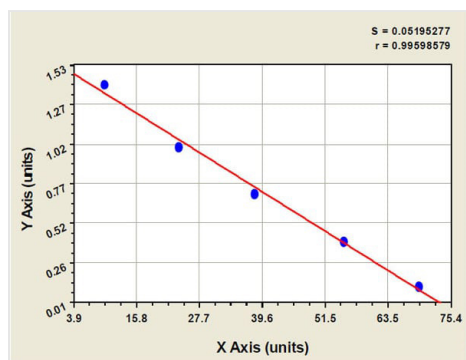
PRODUCT SYNONYMS

Cytochrome b-561; Monkey Cytochrome b-561 ELISA Kit; CYB561 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CYTB561 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CYTB561. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYB561 elisa kit

Principle of the assay: CYTB561 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CYTB561 antibody and an CYTB561-HRP conjugate. The assay sample and buffer are incubated together with CYTB561-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 CYTB561 concentration since CYTB561 from samples and CYTB561-HRP conjugate compete for the anti-CYTB561 antibody binding site. Since the number of sites is limited, as more sites are occupied by CYTB561 from the sample, fewer sites are left to bind CYTB561-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYTB561 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	63054832
NCBI GeneID	1534
NCBI Accession #	NP_001017917.1
NCBI GenBank Nucleotide #	NM_001017917.1
Molecular Weight	27,559 Da
NCBI Official Full Name	cytochrome b561
NCBI Official Synonym Full Names	cytochrome b561
NCBI Official Symbol	CYB561
NCBI Official Synonym Symbols	FRRS2; CYB561A1
NCBI Protein Information	cytochrome b561; cytochrome b-561; ferric-chelate reductase 2; cytochrome b561 family, member A1
UniProt Protein Name	Cytochrome b561
UniProt Gene Name	CYB561
UniProt Entry Name	CY561_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://stage.aaabiotech.com/cyb561-monkey-elisa-kits/cytochrome-b-561/95357>