Cytochrome B-561 (CYB561) ELISA Kit for Duck

PRODUCT OVERVIEW

Product Name	Cytochrome B-561 (CYB561), ELISA Kit
Full Product Name	Duck Cytochrome B-561 ELISA Kit
Product Gene Name	CYB561 elisa kit
Species Reactivity	Duck
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	27,559 Da
Chromosome Location	Chromosome: 17; NC_000017.10 (61509665..61523722, complement). Location: 17q23.3
OMIM	600019
3D Structure	ModBase 3D Structure for P49447
Related Product Information for CYB561 elisa kit	MBS071663 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Cytochrome B-561 (CYB561) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CYB561. The ELISA analytical biochemical technique of the MBS071663 kit is based on CYB561 antibody-CYB561 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CYB561 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CYB561. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of CYB561 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CYB561. It may not necessarily be applicable to this product.

NCBI GI #	63054832
NCBI GeneID	1534
NCBI Accession #	NP_001017917.1
UniProt Primary Accession #	P49447
UniProt Secondary Accession #	Q5BJG9; Q9BU05; Q9BWR9; B2RE96; D3DU11
UniProt Related Accession #	P49447
GenBank Nucleotide #	NM_001017917.1
NCBI Official Full Name	cytochrome b561
NCBI Official Synonym Full Names	cytochrome b561
NCBI Official Symbol	CYB561
NCBI Official Synonym Symbols	FRRS2; CYB561A1
UniProt Protein Name	Cytochrome b561
UniProt Synonym Protein Names	Cytochrome b-561

Protein Family	Cytochrome
UniProt Gene Name	CYB561
UniProt Entry Name	CY561_HUMAN
NCBI Protein Information	cytochrome b561; cytochrome b-561; ferric-chelate reductase 2; cytochrome b561 family, member A1
UniProt Comments for CYB561	CYB561: Secretory vesicle-specific electron transport protein. Protein type: Membrane protein, multi-pass; Membrane protein, integral Chromosomal Location of Human Ortholog: 17q23.3 Cellular Component: integral to membrane Molecular Function: metal ion binding; ferric-chelate reductase activity; transmembrane electron transfer carrier Biological Process: transmembrane transport
Research Articles on CYB561	**1.** Observational study of gene-disease association. (HuGE Navigator)
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