

Human Cytochrome b-245 Beta Polypeptide ELISA Kit | CYBB elisa kit

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CATALOG #
AAA248173

REACTIVITY
Human

PRODUCT SYNONYMS

Cytochrome b-245 Beta Polypeptide; Human Cytochrome b-245 Beta Polypeptide ELISA Kit; NOX2; CGD91-phox; NADPH oxidase 2; gp91phox; p22 phagocyte B-cytochrome; gp91-1; Superoxide-generating NADPH oxidase heavy chain subunit; Neutrophil cytochrome b 91 kDa polypeptide; Heme-binding membrane glycoprotein gp91phox; CYBB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	570
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for CYBB elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CYBB antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CYBB antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the CYBB amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CYBB can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115211
NCBI GeneID	1536
UniProt Accession #	P04839 ; Q2PP16 ; A8K138
Molecular Weight	65,336 Da
NCBI Official Full Name	Cytochrome b-245 heavy chain
NCBI Official Synonym Full Names	cytochrome b-245 beta chain
NCBI Official Symbol	CYBB
NCBI Official Synonym Symbols	CGD; NOX2; IMD34; AMCBX2; GP91-1; GP91PHOX; p91-PHOX; GP91-PHOX
NCBI Protein Information	cytochrome b-245 heavy chain

UniProt Protein Name	Cytochrome b-245 heavy chain
UniProt Gene Name	CYBB
UniProt Synonym Gene Names	NOX2; Cytochrome b558 subunit beta

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/cybb-human-elisa-kits/cytochrome-b-245-beta-polypeptide/248173>