

Human Cytochrome P450 3A4 ELISA Kit | CYP3A4 elisa kit

Human Cytochrome P450 3A4 (CYP3A4) ELISA Kit

CATALOG #
AAA22704

REACTIVITY
Human

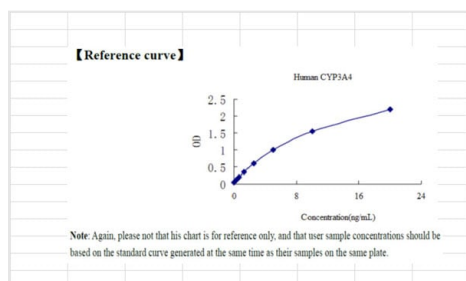
PRODUCT SYNONYMS

Cytochrome P450 3A4; Human Cytochrome P450 3A4 (CYP3A4) ELISA Kit; CYP3A4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	502
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYP3A4 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human CYP3A4 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	322302351
NCBI GeneID	1576

NCBI Accession #	NP_001189784.1
NCBI GenBank Nucleotide #	NM_001202855.2
Molecular Weight	57,343 Da
NCBI Official Full Name	cytochrome P450 3A4 isoform 2
NCBI Official Synonym Full Names	cytochrome P450 family 3 subfamily A member 4
NCBI Official Symbol	CYP3A4
NCBI Official Synonym Symbols	HLP; CP33; CP34; CYP3A; NF-25; CYP3A3; P450C3; CYP11A3; CYP11A4; P450PCN1
NCBI Protein Information	cytochrome P450 3A4
UniProt Protein Name	Cytochrome P450 3A4
UniProt Gene Name	CYP3A4
UniProt Synonym Gene Names	CYP3A3
UniProt Entry Name	CP3A4_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/cyp3a4-human-elisa-kits/cytochrome-p450-3a4/22704>