

Human Cytochrome P450 3A5 (CYP3A5) ELISA Kit | CYP3A5 elisa kit

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CATALOG #
AAA43880

REACTIVITY
Human

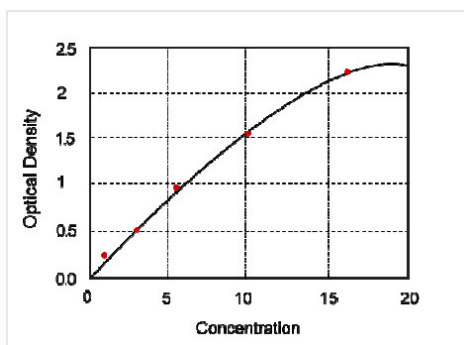
PRODUCT SYNONYMS

Cytochrome P450 3A5 (CYP3A5); Human Cytochrome P450 3A5 (CYP3A5) ELISA Kit; CYP3A5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	492
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-2000ng/L
Sensitivity	5.14ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYP3A5 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CYP3A5 antibody. CYP3A5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CYP3A5 Antibody is added and binds to CYP3A5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CYP3A5 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human CYP3A5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Cytochrome P450 3A5 (also known as CYP3A5) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	628601851
NCBI GeneID	1577
NCBI Accession #	NP_001278759.1
NCBI GenBank Nucleotide #	NM_001291830.1
Molecular Weight	15,846 Da
NCBI Official Full Name	cytochrome P450 3A5 isoform 4
NCBI Official Synonym Full Names	cytochrome P450 family 3 subfamily A member 5
NCBI Official Symbol	CYP3A5
NCBI Official Synonym Symbols	CP35; PCN3; CYP11A5; P450PCN3
NCBI Protein Information	cytochrome P450 3A5
UniProt Protein Name	Cytochrome P450 3A5
UniProt Gene Name	CYP3A5

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/human-elisa-kits/cytochrome-p450-3a5-cyp3a5/43880>