

Human cytochrome P450 2B6, CYP2B6 ELISA Kit | CYP2B6 elisa kit

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CATALOG #
AAA43548

REACTIVITY
Human

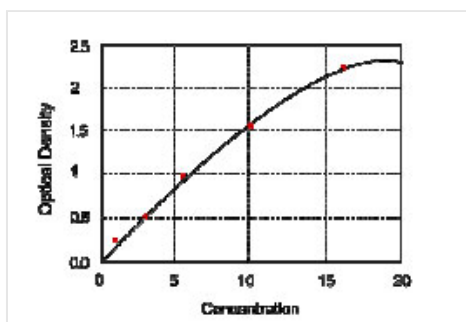
PRODUCT SYNONYMS

cytochrome P450 2B6; CYP2B6; Human cytochrome P450 2B6; CYP2B6 ELISA Kit; CYP2B6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	491
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L-2000ng/L
Sensitivity	5.15ng/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 CYP2B6 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Cytochrome P450 1A2 (also known as CYP1A2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CYP1A2 antibody. CYP1A2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CYP1A2 Antibody is added and binds to CYP1A2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CYP1A2 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 CYP1A2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7949031
NCBI GeneID	1555
NCBI Accession #	NP_000758.1
NCBI GenBank Nucleotide #	NM_000767.5
UniProt Accession #	P20813; Q2V565; Q9UK46; B4DWP3
Molecular Weight	33,385 Da
NCBI Official Full Name	cytochrome P450 2B6
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily B member 6
NCBI Official Symbol	CYP2B6
NCBI Official Synonym Symbols	CPB6; EFVM; IIB1; P450; CYP2B; CYP2B7; CYP2B7P; CYP1IB6
NCBI Protein Information	cytochrome P450 2B6
UniProt Protein Name	Cytochrome P450 2B6
UniProt Gene Name	CYP2B6

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.