

Human cytochrome P450 2D6, CYP2D6 ELISA Kit | CYP2D6 elisa kit

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CATALOG #
AAA11308

REACTIVITY
Human

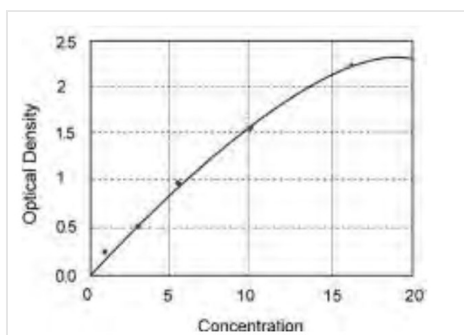
PRODUCT SYNONYMS

cytochrome P450 2D6; CYP2D6; Human cytochrome P450 2D6; CYP2D6 ELISA Kit; CYP2D6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	446
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.1-40ng/ml
Sensitivity	0.042ng/ml
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 CYP2D6 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CYP2D6 antibody. CYP2D6 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CYP2D6 Antibody is added and binds to CYP2D6 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CYP2D6 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 CYP2D6. 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 2D6 (also known as CYP2D6) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	392513723
NCBI GeneID	1565
NCBI Accession #	NP_001020332.2
NCBI GenBank Nucleotide #	NM_001025161.2
UniProt Accession #	P10635; Q16752; Q2XND6; Q2XND7; Q2XNE0; Q6B012; Q6NXU8
Molecular Weight	50,061 Da
NCBI Official Full Name	cytochrome P450 2D6 isoform 2
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily D member 6
NCBI Official Symbol	CYP2D6
NCBI Official Synonym Symbols	CPD6; CYP2D; CYP2DL1; CYP1ID6; P450C2D; P450DB1; CYP2D7AP; CYP2D7BP; CYP2D7P2; CYP2D8P2; P450-DB1
NCBI Protein Information	cytochrome P450 2D6
UniProt Protein Name	Cytochrome P450 2D6
UniProt Gene Name	CYP2D6
UniProt Synonym Gene Names	CYP2DL1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cytochrome-p450-2d6-cyp2d6/11308>