

Rat Cytochrome P450 2D6 (CYP2D6) ELISA Kit | CYP2D6 elisa kit

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CATALOG #
AAA120908

REACTIVITY
Rat

PRODUCT SYNONYMS

Cytochrome P450 2D6 (CYP2D6); Rat Cytochrome P450 2D6 (CYP2D6) ELISA Kit; CYP2D6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	446
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.028ng/ml
Intra-Assay	CV<8%
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

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Cytochrome P450 2D6 (also known as CYP2D6) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat CYP2D6 antibody. CYP2D6 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat 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 Rat CYP2D6. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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; CYPIID6; 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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/cytochrome-p450-2d6-cyp2d6/120908>