

Human cytochrome P450 2E1, CYP2E1 ELISA Kit | CYP2E1 elisa kit

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CATALOG #
AAA41640

REACTIVITY
Human

PRODUCT SYNONYMS

cytochrome P450 2E1; CYP2E1; Human cytochrome P450 2E1; CYP2E1 ELISA Kit; CYP2E1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	462
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.23ng/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 CYP2E1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Cytochrome P450 2E1 (also known as CYP2E1) 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 human CYP2E1 antibody. CYP2E1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human CYP2E1 Antibody is added and binds to CYP2E1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CYP2E1 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 CYP2E1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4249653
NCBI GeneID	1571
Molecular Weight	56,849 Da
NCBI Official Full Name	cytochrome P450 2E1, partial
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily E member 1
NCBI Official Symbol	CYP2E1
NCBI Official Synonym Symbols	CPE1; CYP2E; P450-J; P450C2E
NCBI Protein Information	cytochrome P450 2E1
UniProt Protein Name	Cytochrome P450 2E1
UniProt Gene Name	CYP2E1
UniProt Synonym Gene Names	CYP2E

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/human-elisa-kits/cytochrome-p450-2e1-cyp2e1/41640>