

Human Cytochrome P450 2C19, CYP2C19 ELISA Kit | CYP2C19 elisa kit

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CATALOG #
AAA19042

REACTIVITY
Human

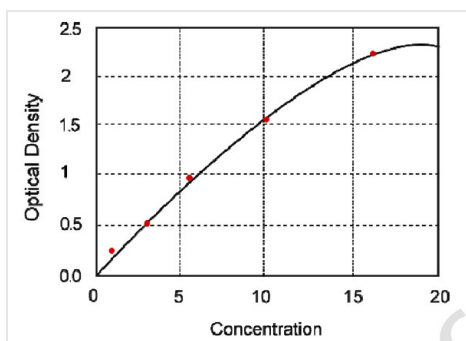
PRODUCT SYNONYMS

Cytochrome P450 2C19; CYP2C19; Human Cytochrome P450 2C19; CYP2C19 ELISA Kit; CYP2C19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	490
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
Detection Range	0.1-40ng/ml
Sensitivity	0.053ng/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 CYP2C19 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CYP2C19 antibody. CYP2C19 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CYP2C19 Antibody is added and binds to CYP2C19 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CYP2C19 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 CYP2C19. 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 2C19 (also known as CYP2C19) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503219
NCBI GeneID	1557
NCBI GenBank Nucleotide #	NP_000760.1
UniProt Accession #	P33261
NCBI Official Full Name	cytochrome P450 2C19
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily C member 19
NCBI Official Symbol	CYP2C19
NCBI Official Synonym Symbols	CPCJ; CYP2C; P450C2C; CYPIIC17; CYPIIC19; P450IIC19
NCBI Protein Information	cytochrome P450 2C19
UniProt Protein Name	Cytochrome P450 2C19
UniProt Gene Name	CYP2C19
UniProt Entry Name	CP2CJ_HUMAN

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.