

Human Cytochrome P450 2C18 (CYP2C18) RTU ELISA Kit | CYP2C18 rtu elisa kit

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CATALOG #
AAA70120

REACTIVITY
Human

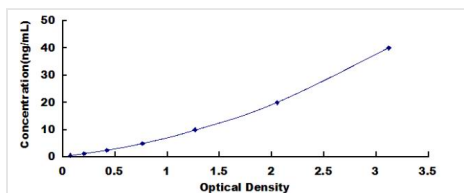
PRODUCT SYNONYMS

Cytochrome P450 2C18 (CYP2C18); Human Cytochrome P450 2C18 (CYP2C18) ELISA Kit; CYP2C; CPCI; CYP2C17; CPCJ; P450C2C; limonene 6-monooxygenase; Mephenytoin 4-hydroxylase; Cytochrome P450 Family 2 Subfamily C Polypeptide 18; CYP2C18 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	490
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.625-40ng/mL
Sensitivity	0.247ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYP2C18 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CYP2C18. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CYP2C18. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CYP2C18, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of CYP2C18 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13699816
NCBI GeneID	1562
NCBI Accession #	NP_000763.1
NCBI GenBank Nucleotide #	NM_000772.2
UniProt Accession #	P33260; Q16703; Q16751; Q4VAT5; Q6GRG1; B2R8K2
Molecular Weight	48,805 Da
NCBI Official Full Name	cytochrome P450 2C18 isoform 1
NCBI Official Synonym Full Names	cytochrome P450 family 2 subfamily C member 18
NCBI Official Symbol	CYP2C18
NCBI Official Synonym Symbols	CPCI; CYP2C; CYP2C17; P450IIC17; P450-6B/29C
NCBI Protein Information	cytochrome P450 2C18
UniProt Protein Name	Cytochrome P450 2C18
UniProt Gene Name	CYP2C18

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-rtu-elisa-kits/cytochrome-p450-2c18-cyp2c18/70120>