

Rat Cytochrome P450 2C19 (CYP2C19) ELISA Kit | CYP2C19 elisa kit

Rat Cytochrome P450 2C19 (CYP2C19) ELISA Kit

CATALOG #
AAA121296

REACTIVITY
Rat

PRODUCT SYNONYMS

Cytochrome P450 2C19 (CYP2C19); Rat Cytochrome P450 2C19 (CYP2C19) ELISA Kit; CYP2C19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	490
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.13ng/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 CYP2C19 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Cytochrome P450 2C19 (also known as CYP2C19) 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 CYP2C19 antibody. CYP2C19 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat 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 Rat CYP2C19. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503219
NCBI GeneID	1557
NCBI Accession #	NP_000760.1
NCBI GenBank Nucleotide #	NM_000769.4
UniProt Accession #	P33261; P33259; Q8WZB1; Q8WZB2; Q9UCD4
Molecular Weight	55,931 Da
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; CYP11C17; CYP11C19; P45011C19
NCBI Protein Information	cytochrome P450 2C19
UniProt Protein Name	Cytochrome P450 2C19
UniProt Gene Name	CYP2C19

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/rat-elisa-kits/cytochrome-p450-2c19-cyp2c19/121296>