

Rat Cytochrome P450 3A1 ELISA Kit | Cyp3a23/3a1 elisa kit

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CATALOG #
AAA122933

REACTIVITY
Rat

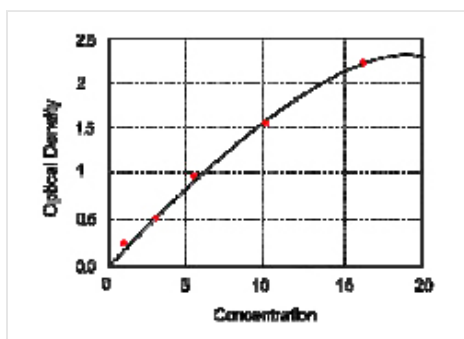
PRODUCT SYNONYMS

Cytochrome P450 3A1; Rat Cytochrome P450 3A1 ELISA Kit; Cyp3a23/3a1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	502
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-20ng/ml
Sensitivity	0.017ng/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 Cyp3a23/3a1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Cysteinyl Aspartate Specific Proteinases-9 (also known as Caspase-9/MCH6/ICE-LAP6) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat Caspase-9/MCH6/ICE-LAP6 antibody. Caspase-9/MCH6/ICE-LAP6 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Caspase-9/MCH6/ICE-LAP6 Antibody is added and binds to Caspase-9/MCH6/ICE-LAP6 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Caspase-9/MCH6/ICE-LAP6 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 Caspase-9/MCH6/ICE-LAP6. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148540156
NCBI GeneID	25642
NCBI Accession #	NP_037237.2
NCBI GenBank Nucleotide #	NM_013105.2
NCBI Official Full Name	cytochrome P450 3A1
NCBI Official Synonym Full Names	cytochrome P450, family 3, subfamily a, polypeptide 23/polypeptide 1
NCBI Official Symbol	Cyp3a23/3a1
NCBI Official Synonym Symbols	CYP; RL33; cDEX; Cyp3a1; Cyp3a3; CYP3A23
NCBI Protein Information	cytochrome P450 3A1

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-p450-3a1/122933>