

Rat Cytochrome P450 3A1 ELISA Kit | Cyp3a1 elisa kit

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CATALOG #
AAA310177

REACTIVITY
Rat

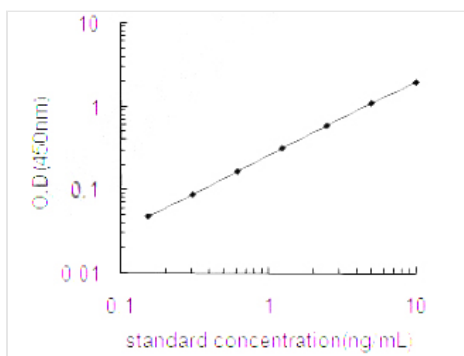
PRODUCT SYNONYMS

Cytochrome P450 3A1; Rat Cytochrome P450 3A1 ELISA Kit; CYP3A1; Cytochrome P450-PCN1; Cyp3a1; Cyp3a1-1; 1.14.14.1; Cyp3a1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Cytochrome P450 2E1. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma,, Tissue Homogenates And Cell Culture Supernates And Other Biological Fluids
Detection Range	0.31 ng/mL-20.0 ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cyp3a1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Cytochrome P450 2E1 concentrations in serum, Plasma,, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cytochrome P450 2E1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Cytochrome P450 2E1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Cytochrome P450 2E1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Cytochrome P450 2E1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	117153
NCBI GeneID	25642
UniProt Accession #	P04800; Q64580
Molecular Weight	57,918 Da
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
UniProt Protein Name	Cytochrome P450 3A1
UniProt Gene Name	Cyp3a1
UniProt Synonym Gene Names	Cyp3a-1

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://www.aaabiotech.com/cyp3a1-rat-elisa-kits/cytochrome-p450-3a1/310177>