

Rat Cytochrome P450 2E1 ELISA Kit | Cyp2e1 elisa kit

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CATALOG #
AAA310055

REACTIVITY
Rat

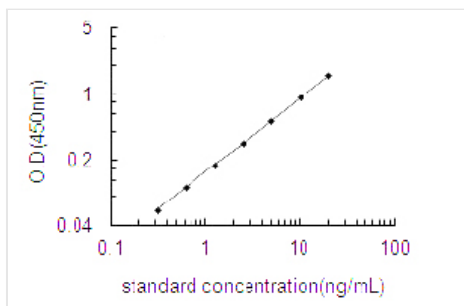
PRODUCT SYNONYMS

Cytochrome P450 2E1; Rat Cytochrome P450 2E1 ELISA Kit; 4-nitrophenol 2-hydroxylase; CYP1IIE1; Cytochrome P450-J; Cytochrome P450RLM6; Cyp2e1; Cyp2e; Cyp2e-1; 1.14.13.-; 1.14.13.n7; Cyp2e1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat COMP. 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
Sensitivity	0.078 ng/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cyp2e1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat cartilage oligomeric matrix protein,COMP 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 COMP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for COMP 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 COMP, 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 COMP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13928734
NCBI GeneID	25086
NCBI Accession #	NP_113731.1
NCBI GenBank Nucleotide #	NM_031543.1
UniProt Accession #	P05182
Molecular Weight	56,627 Da
NCBI Official Full Name	cytochrome P450 2E1
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily e, polypeptide 1
NCBI Official Symbol	Cyp2e1
NCBI Official Synonym Symbols	Cyp2e
NCBI Protein Information	cytochrome P450 2E1
UniProt Protein Name	Cytochrome P450 2E1
UniProt Gene Name	Cyp2e1
UniProt Synonym Gene Names	Cyp2e; Cyp2e-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://stage.aaabiotech.com/cyp2e1-rat-elisa-kits/cytochrome-p450-2e1/310055>