

Rat Cytochrome P450 2D18 ELISA Kit | Cyp2d18 elisa kit

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CATALOG #
AAA56527

REACTIVITY
Rat

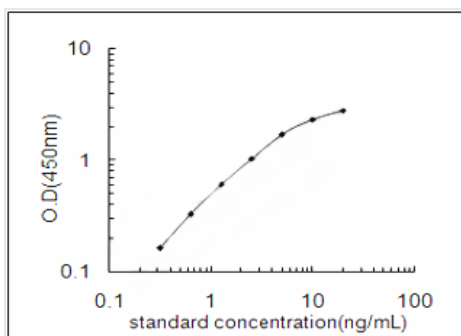
PRODUCT SYNONYMS

Cytochrome P450 2D18; Rat Cytochrome P450 2D18 ELISA Kit; Cyp2d18 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Cytochrome P450 2D18. No significant cross-reactivity or interference was observed.
Sequence Length	500
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.156 ng/mL
Intra-Assay CV	<=4.7%
Inter-Assay CV	<=8.4%
Recovery	98%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cyp2d18 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cytochrome P450 2D18. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Cytochrome P450 2D18 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 2D18, 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 2D18 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19924041
NCBI GeneID	171522
NCBI Accession #	NP_612524.1
NCBI GenBank Nucleotide #	NM_138515.2
UniProt Accession #	Q64680; Q566D3; P13108
Molecular Weight	56,684 Da
NCBI Official Full Name	cytochrome P450, family 2, subfamily d, polypeptide 4
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily d, polypeptide 4
NCBI Official Symbol	Cyp2d4
NCBI Official Synonym Symbols	Cyp2d6; Cyp2d18; Cyp2d22; Cyp2d4v1; Cyp2d4v2
NCBI Protein Information	cytochrome P450, family 2, subfamily d, polypeptide 4
UniProt Protein Name	Cytochrome P450 2D18
UniProt Gene Name	Cyp2d18
UniProt Synonym Gene Names	Cyp2d-18
UniProt Entry Name	CP2DI_RAT

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.