

Mouse Cyp2f2 (Cytochrome P450 2F2) ELISA Kit | Cyp2f2 elisa kit

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CATALOG #
AAA250675

REACTIVITY
Mouse

PRODUCT SYNONYMS

Cyp2f2 (Cytochrome P450 2F2); Mouse Cyp2f2 (Cytochrome P450 2F2) ELISA Kit; Cyp2f2; Cytochrome P450 2F2; CYP11F2; Cytochrome P450-NAH-2; Naphthalene dehydrogenase; Naphthalene hydroxylase; Cyp2f2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Cyp2f2. No significant cross -reactivity or interference between Cyp2f2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Cyp2f2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124001560
NCBI GeneID	13107
NCBI Accession #	NP_031843.2
NCBI GenBank Nucleotide #	NM_007817.2
UniProt Accession #	P33267
Molecular Weight	55,949 Da
NCBI Official Full Name	cytochrome P450 2F2

NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily f, polypeptide 2
NCBI Official Symbol	Cyp2f2
NCBI Official Synonym Symbols	Cyp2f
NCBI Protein Information	cytochrome P450 2F2
UniProt Protein Name	Cytochrome P450 2F2
UniProt Gene Name	Cyp2f2
UniProt Synonym Gene Names	Cyp2f-2
UniProt Entry Name	CP2F2_MOUSE

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/mouse-elisa-kits/cyp2f2-cytochrome-p450-2f2/250675>