

Human Cytochrome P450 1A1 (CYP1A1) ELISA Kit | CYP1A1 elisa kit

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CATALOG #
AAA122468

REACTIVITY
Human

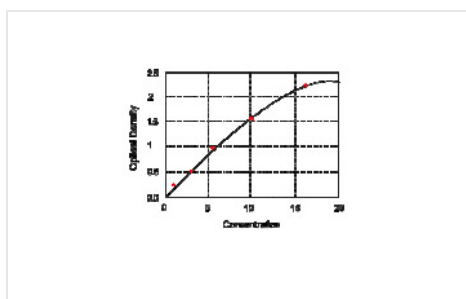
PRODUCT SYNONYMS

Cytochrome P450 1A1 (CYP1A1); Human Cytochrome P450 1A1 (CYP1A1) ELISA Kit; CYP1A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	483
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L-6000ng/L
Sensitivity	12.29ng/L
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 CYP1A1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Cytochrome C Oxidase Subunit 2 (also known as COX2/MT-CO2) 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 Human COX2/MT-CO2 antibody. COX2/MT-CO2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human COX2/MT-CO2 Antibody is added and binds to COX2/MT-CO2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated COX2/MT-CO2 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 Human COX2/MT-CO2. 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 #	984655756
NCBI GeneID	1543
NCBI Accession #	NP_001306145.1
NCBI GenBank Nucleotide #	NM_001319216.2
UniProt Accession #	P04798; Q53G18; A4F3V9; A4F3W0
Molecular Weight	20,788 Da
NCBI Official Full Name	cytochrome P450 1A1 isoform 2
NCBI Official Synonym Full Names	cytochrome P450 family 1 subfamily A member 1
NCBI Official Symbol	CYP1A1
NCBI Official Synonym Symbols	AHH; AHRR; CP11; CYP1; CYP1A1; P1-450; P450-C; P450DX
NCBI Protein Information	cytochrome P450 1A1
UniProt Protein Name	Cytochrome P450 1A1
UniProt Gene Name	CYP1A1

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/human-elisa-kits/cytochrome-p450-1a1-cyp1a1/122468>