

Human Cytochrome P450 1A2 (CYP1A2) ELISA Kit | CYP1A2 elisa kit

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CATALOG #
AAA42125

REACTIVITY
Human

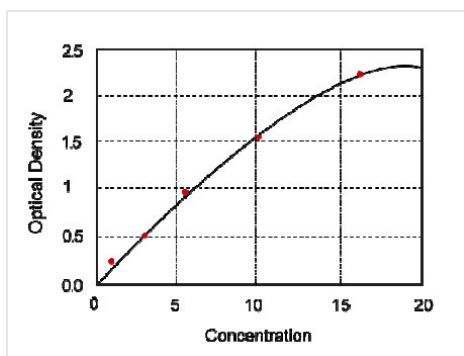
PRODUCT SYNONYMS

Cytochrome P450 1A2 (CYP1A2); Human Cytochrome P450 1A2 (CYP1A2) ELISA Kit; CYP1A2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	516
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-2000ng/L
Sensitivity	5.15ng/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 CYP1A2 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human CYP1A2 antibody. CYP1A2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human CYP1A2 Antibody is added and binds to CYP1A2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CYP1A2 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 CYP1A2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Cytochrome P450 1A2 (also known as CYP1A2) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73915100
NCBI GeneID	1544
NCBI Accession #	NP_000752.2
NCBI GenBank Nucleotide #	NM_000761.5
UniProt Accession #	P05177; Q16754; Q6NWX3; Q6NWX5; Q9BXX7; Q9UK49
Molecular Weight	58,407 Da
NCBI Official Full Name	cytochrome P450 1A2
NCBI Official Synonym Full Names	cytochrome P450 family 1 subfamily A member 2
NCBI Official Symbol	CYP1A2
NCBI Official Synonym Symbols	CP12; CYPIA2; P3-450; P450(PA)
NCBI Protein Information	cytochrome P450 1A2
UniProt Protein Name	Cytochrome P450 1A2
UniProt Gene Name	CYP1A2

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-p450-1a2-cyp1a2/42125>