

Human Cytochrome P450 ELISA Kit | CYP450 elisa kit

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CATALOG #
AAA15743

REACTIVITY
Human

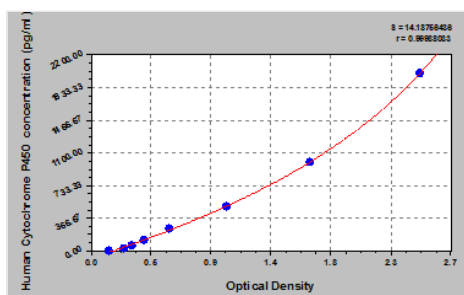
PRODUCT SYNONYMS

Cytochrome P450; Human Cytochrome P450 ELISA Kit; Human Cytochrome P450 ELISA kit; CYP450 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human Cytochrome P450. No significant cross-reactivity or interference between human Cytochrome P450 and analogues was observed.
Sequence Length	527
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYP450 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for Cytochrome P450 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Cytochrome P450 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for Cytochrome P450 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of Cytochrome P450 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21219323
NCBI GeneID	1096224
NCBI Accession #	NP_625102.1
NCBI GenBank Nucleotide #	NC_003888.3
NCBI Official Full Name	cytochrome P450
NCBI Official Symbol	SCO0801
NCBI Official Synonym Symbols	SCF43.12
NCBI Protein Information	cytochrome P450

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/cyp450-human-elisa-kits/cytochrome-p450/15743>