

Human cytochrome P450, family 2, subfamily C, polypeptide 9 ELISA Kit | CYP2C9 elisa kit

Human Cytochrome P450 2C9, CYP2C9 ELISA Kit

CATALOG #
AAA112938

REACTIVITY
Human

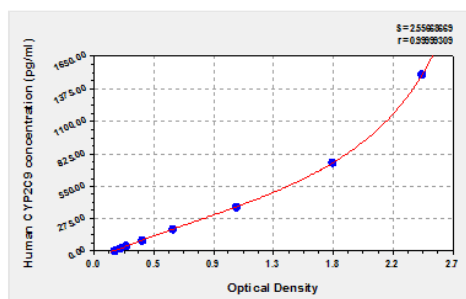
PRODUCT SYNONYMS

cytochrome P450; family 2; subfamily C; polypeptide 9; Human Cytochrome P450 2C9; CYP2C9 ELISA Kit; Human Cytochrome P450 2C9 (CYP2C9) ELISA kit; CPC9; CYP2C; CYP2C10; MGC149605; MGC88320; P450IIC9; cytochrome P-450 S-mephenytoin 4-hydroxylase; subfamily IIC (mephenytoin 4-hydroxylase); polypeptide 10; subfamil; CYP2C9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of rat CYP1B1. No significant cross-reactivity or interference between rat CYP1B1 and analogues was observed.
Sequence Length	490
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156 ng/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 CYP2C9 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CYP1B1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CYP1B1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CYP1B1 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 CYP1B1 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 #	13699818
NCBI GeneID	1559
NCBI Accession #	NP_000762.2
NCBI GenBank Nucleotide #	NM_000771.3
UniProt Accession #	P11712; P11713; Q16756; Q16872; Q5VX92; Q6IRV8; Q8WW80
Molecular Weight	55,628 Da
NCBI Official Full Name	cytochrome P450 2C9
NCBI Official Synonym Full Names	cytochrome P450, family 2, subfamily C, polypeptide 9
NCBI Official Symbol	CYP2C9
NCBI Official Synonym Symbols	CPC9; CYP2C; CYP2C10; CYP11C9; P45011C9
NCBI Protein Information	cytochrome P450 2C9; cytochrome P-450MP; cytochrome P450 PB-1; microsomal monooxygenase; xenobiotic monooxygenase; flavoprotein-linked monooxygenase; cytochrome P-450 S-mephenytoin 4-hydroxylase
UniProt Protein Name	Cytochrome P450 2C9
UniProt Gene Name	CYP2C9
UniProt Synonym Gene Names	CYP2C10
UniProt Entry Name	CP2C9_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cyp2c9-human-elisa-kits/cytochrome-p450-family-2-subfamily-c-polypeptide-9/112938>