

Human epoxide hydrolase 2, cytoplasmic ELISA Kit | EPHX2 elisa kit

Human Epoxide hydrolase 2, EPHX2 ELISA Kit

CATALOG #
AAA112919

REACTIVITY
Human

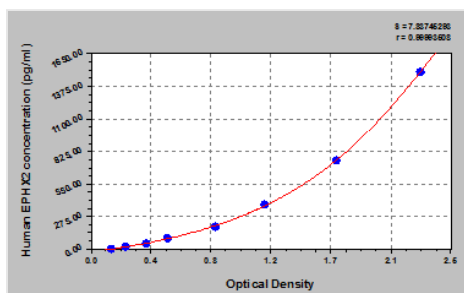
PRODUCT SYNONYMS

epoxide hydrolase 2; cytoplasmic; Human Epoxide hydrolase 2; EPHX2 ELISA Kit; Human Epoxide hydrolase 2 (EPHX2) ELISA kit; CEH; SEH; epoxide hydratase; cytosolic; epoxide hydrolase; soluble; EPHX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human EPHX2. No significant cross-reactivity or interference between Human EPHX2 and analogues was observed.
Sequence Length	502
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	23.44 pg/ml-1500 pg/ml
Sensitivity	5.86 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Biosynthesis/Metabolism
Protein Biological Process 3	Aromatic hydrocarbons catabolism
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 EPHX2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for EPHX2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EPHX2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EPHX2 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 EPHX2 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 #	374532800
NCBI GeneID	2053
NCBI Accession #	NP_001243411.1
NCBI GenBank Nucleotide #	NM_001256482.1
UniProt Accession #	P34913; Q16764; Q9HBJ1; Q9HBJ2; B2Z3B1; B3KTU8; B3KUA0; G3V134; J3KPH7
Molecular Weight	62,616 Da
NCBI Official Full Name	bifunctional epoxide hydrolase 2 isoform b
NCBI Official Synonym Full Names	epoxide hydrolase 2, cytoplasmic
NCBI Official Symbol	EPHX2
NCBI Official Synonym Symbols	CEH; SEH
NCBI Protein Information	bifunctional epoxide hydrolase 2; epoxide hydratase; epoxide hydrolase, soluble; epoxide hydrolase 2, cytosolic
UniProt Protein Name	Bifunctional epoxide hydrolase 2
UniProt Gene Name	EPHX2
UniProt Synonym Gene Names	CEH; SEH
UniProt Entry Name	HYES_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/ephx2-human-elisa-kits/epoxide-hydrolase-2-cytoplasmic/112919>