

Human Epoxide hydrolase 4 ELISA Kit | EPHX4 elisa kit

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CATALOG #
AAA98764

REACTIVITY
Human

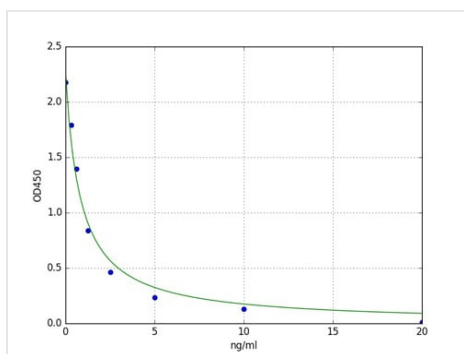
PRODUCT SYNONYMS

Epoxide hydrolase 4; Human Epoxide hydrolase 4 ELISA Kit; EPHX4 (Epoxide hydrolase 4)/ABHD7/EPHXP/Abhydrolase domain-containing protein 7/Epoxide hydrolase-related protein; EPHX4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	362
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human EPHX4 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	2.370	1.930	1.651	1.237	0.914	0.614	0.423	0.347

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPHX4 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human EPHX4. During the reaction, Human EPHX4 in the sample or standard competes with a fixed amount of biotin-labeled Human EPHX4 for sites on a pre-coated Monoclonal antibody specific to Human EPHX4. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Human EPHX4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	218777837
NCBI GeneID	253152
NCBI Accession #	NP_775838.3
NCBI GenBank Nucleotide #	NM_173567.4
Molecular Weight	42,324 Da
NCBI Official Full Name	epoxide hydrolase 4
NCBI Official Synonym Full Names	epoxide hydrolase 4
NCBI Official Symbol	EPHX4
NCBI Official Synonym Symbols	EH4; ABHD7; EPHXRP
NCBI Protein Information	epoxide hydrolase 4
UniProt Protein Name	Epoxide hydrolase 4
UniProt Gene Name	EPHX4
UniProt Synonym Gene Names	ABHD7; EPHXRP
UniProt Entry Name	EPHX4_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.

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Online datasheet: <https://stage.aaabiotech.com/ephx4-human-elisa-kits/epoxide-hydrolase-4/98764>