

Monkey Epoxide hydrolase 1 (EPHX1) ELISA Kit | EPHX1 elisa kit

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CATALOG #
AAA245421

REACTIVITY
Monkey

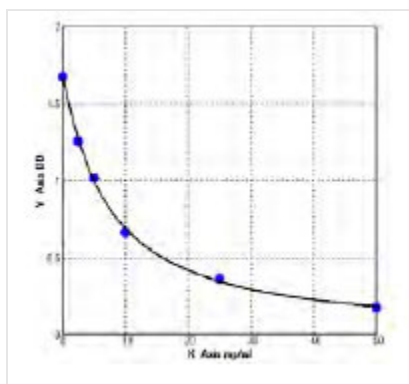
PRODUCT SYNONYMS

Epoxide hydrolase 1 (EPHX1); Monkey Epoxide hydrolase 1 (EPHX1) ELISA Kit; EPHX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPBX1 elisa kit

Intended Uses: This EPB41L5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse EPB41L5. This ELISA kit for research use only!

Principle of the Assay: EPB41L5 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-EPB41L5 antibody and an EPB41L5-HRP conjugate. The assay sample and buffer are incubated together with EPB41L5-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the EPB41L5 concentration since EPB41L5 from samples and EPB41L5-HRP conjugate compete for the anti-EPB41L5 antibody binding site. Since the number of sites is limited, as more sites are occupied by EPB41L5 from the sample, fewer sites are left to bind EPB41L5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The EPB41L5 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862837
NCBI GeneID	2052
NCBI Accession #	NP_001129490.1
NCBI GenBank Nucleotide #	NM_001136018.3
Molecular Weight	52,949 Da
NCBI Official Full Name	epoxide hydrolase 1
NCBI Official Synonym Full Names	epoxide hydrolase 1, microsomal (xenobiotic)
NCBI Official Symbol	EPHX1
NCBI Official Synonym Symbols	MEH; EPHX; EPOX; HYL1
NCBI Protein Information	epoxide hydrolase 1; epoxide hydratase
UniProt Protein Name	Epoxide hydrolase 1
UniProt Gene Name	EPHX1
UniProt Synonym Gene Names	EPHX; EPOX
UniProt Entry Name	HYEP_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/monkey-elisa-kits/epoxide-hydrolase-1-ephx1/245421>