

Rat Epoxide Hydrolase 1, Microsomal (EPHX1) RTU ELISA Kit | EPHX1 rtu elisa kit

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CATALOG #
AAA70431

REACTIVITY
Rat

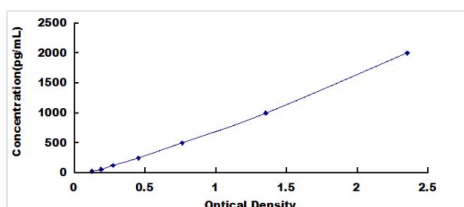
PRODUCT SYNONYMS

Epoxide Hydrolase 1; Microsomal (EPHX1); Rat Epoxide Hydrolase 1; Microsomal (EPHX1) ELISA Kit; Epoxide hydratase; Microsomal epoxide hydrolase; Eph-1; MEH8; EPHX1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	455
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	31.2-2000pg/mL
Sensitivity	13.3pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPHX1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EPHX1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to EPHX1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain EPHX1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of EPHX1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	77539442
NCBI GeneID	25315
NCBI Accession #	NP_001029262.1
NCBI GenBank Nucleotide #	NM_001034090.3
UniProt Accession #	P07687
Molecular Weight	52,582 Da
NCBI Official Full Name	epoxide hydrolase 1
NCBI Official Synonym Full Names	epoxide hydrolase 1
NCBI Official Symbol	Ephx1
NCBI Official Synonym Symbols	mEH; MEH8
NCBI Protein Information	epoxide hydrolase 1
UniProt Protein Name	Epoxide hydrolase 1
UniProt Gene Name	Ephx1
UniProt Synonym Gene Names	Eph-1; mEHCurated

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/rat-rtu-elisa-kits/epoxide-hydrolase-1-microsomal-ephx1/70431>