

Mouse EPX (Eosinophil Peroxidase) ELISA Kit | EPX elisa kit

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CATALOG #
AAA278589

REACTIVITY
Mouse

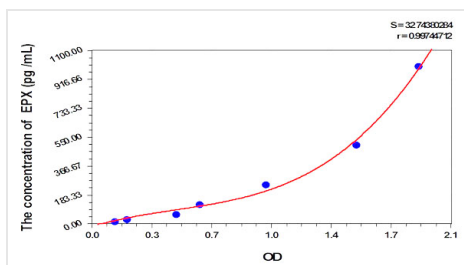
PRODUCT SYNONYMS

EPX (Eosinophil Peroxidase); Mouse EPX (Eosinophil Peroxidase) ELISA Kit; EPO; EPP; EPX-PEN; EPER; EPX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates and other biological fluids
Detection Range	1.57-100ng/mL
Sensitivity	0.45ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPX elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse EPX. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse EPX. 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 Mouse EPX, 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 +/- 10nm. The concentration of Mouse EPX in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for EPX elisa kit

[Enzyme & Kinase](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	145966840
NCBI GeneID	13861
NCBI Accession #	NP_031972.2

NCBI GenBank Nucleotide #	NM_007946.2
UniProt Accession #	P49290 ; Q5SW51 ; Q61798
Molecular Weight	81,380 Da
NCBI Official Full Name	eosinophil peroxidase preproprotein
NCBI Official Synonym Full Names	eosinophil peroxidase
NCBI Official Symbol	Epx
NCBI Official Synonym Symbols	EPO
NCBI Protein Information	eosinophil peroxidase
UniProt Protein Name	Eosinophil peroxidase
UniProt Gene Name	Epx
UniProt Synonym Gene Names	Eper; EPO

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://www.aaabiotech.com/mouse-elisa-kits/epx-eosinophil-peroxidase/278589>