

Mouse Eosinophil peroxidase ELISA Kit | Epx elisa kit

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CATALOG #
AAA23250

REACTIVITY
Mouse

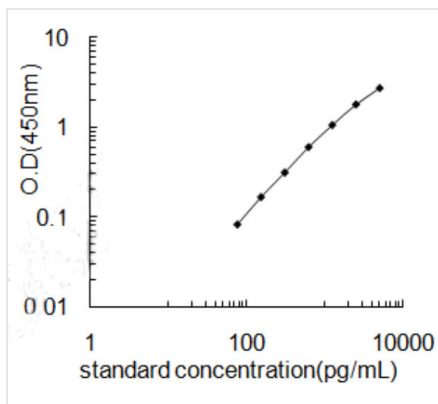
PRODUCT SYNONYMS

Eosinophil peroxidase; Mouse Eosinophil peroxidase ELISA Kit; EPO; Epx; Eper; 1.11.1.7; Epx elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Eosinophil peroxidase,EPO
Sequence Length	716
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 39 pg/mL
Intra-assay Precision	<=6.6%
Inter-assay Precision	<=9.1%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Epx elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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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
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
UniProt Entry Name	PERE_MOUSE

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://www.aaabiotech.com/epx-mouse-elisa-kits/eosinophil-peroxidase/23250>