

Mouse eosinophil peroxidase ELISA Kit | EPX elisa kit

Mouse Eosinophil Peroxidase, EPO ELISA Kit

CATALOG #
AAA15747

REACTIVITY
Mouse

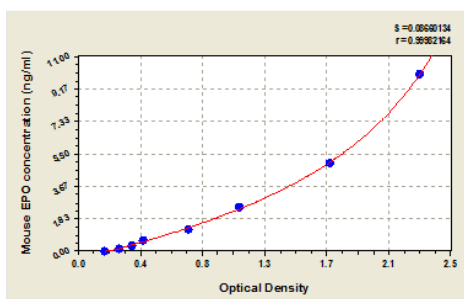
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse EPO. No significant cross-reactivity or interference between mouse EPO and analogues was observed.
Sequence Length	716
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	0.156 ng/ml-10 ng/ml.
Sensitivity	0.039 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPX elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for EPO has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EPO present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EPO is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of EPO bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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://stage.aaabiotech.com/epx-mouse-elisa-kits/eosinophil-peroxidase/15747>