

Human Eosinophil Peroxidase (EPO) ELISA Kit | EPO elisa kit

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CATALOG #
AAA43829

REACTIVITY
Human

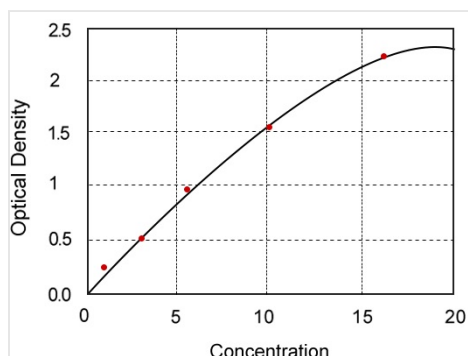
PRODUCT SYNONYMS

Eosinophil Peroxidase (EPO); Human Eosinophil Peroxidase (EPO) ELISA Kit; EPO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	715
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2mU/ml - 60mU/ml
Sensitivity	0.12mU/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPO elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Eosinophil Peroxidase (also known as EPO) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human EPO antibody. EPO present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human EPO Antibody is added and binds to EPO in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated EPO antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human EPO. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	182146
NCBI GeneID	8288
Molecular Weight	81,040 Da
NCBI Official Full Name	eosinophil peroxidase
NCBI Official Synonym Full Names	eosinophil peroxidase
NCBI Official Symbol	EPX
NCBI Official Synonym Symbols	EPO; EPP; EPXD; EPX-PEN
NCBI Protein Information	eosinophil peroxidase
UniProt Protein Name	Eosinophil peroxidase
UniProt Gene Name	EPX
UniProt Synonym Gene Names	EPER; EPO; EPP; 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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/eosinophil-peroxidase-epo/43829>