

Rat myeloperoxidase, MPO ELISA Kit | MPO elisa kit

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CATALOG #
AAA42712

REACTIVITY
Rat

PRODUCT SYNONYMS

myeloperoxidase; MPO; Rat myeloperoxidase; MPO ELISA Kit; MPO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	745
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 100ng/ml
Sensitivity	0.24ng/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 MPO elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Myeloperoxidase (also known as MPO) 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 Rat MPO antibody. MPO present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MPO Antibody is added and binds to MPO in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MPO 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 Rat MPO. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	188658
NCBI GeneID	4353
UniProt Accession #	P05164; Q14862; Q4PJH5; Q9UCL7; A1L4B8
Molecular Weight	73,854 Da
NCBI Official Full Name	myeloperoxidase
NCBI Official Synonym Full Names	myeloperoxidase
NCBI Official Symbol	MPO
NCBI Protein Information	myeloperoxidase
UniProt Protein Name	Myeloperoxidase
UniProt Gene Name	MPO
UniProt Synonym Gene Names	MPO

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/rat-elisa-kits/myeloperoxidase-mpo/42712>