

Mouse Heme oxygenase 1 ELISA Kit | Hmox1 elisa kit

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CATALOG #
AAA310007

REACTIVITY
Mouse

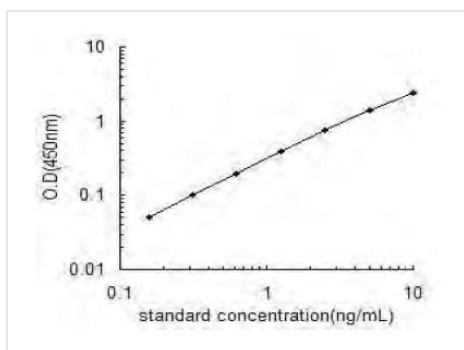
PRODUCT SYNONYMS

Heme oxygenase 1; Mouse Heme oxygenase 1 ELISA Kit; HO-1; P32 protein; Hmox1; 1.14.99.3; Hmox1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse HO-1. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	0.15 ng/ml -10.0 ng/ml
Sensitivity	< 0.078 ng/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hmox1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse heme oxygenase 1, HO-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HO-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for HO-1 and 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 HO-1, biotin- conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzymesubstrate 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 HO-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754212
NCBI GeneID	15368
NCBI Accession #	NP_034572.1
NCBI GenBank Nucleotide #	NM_010442.2
UniProt Accession #	P14901
Molecular Weight	32,929 Da
NCBI Official Full Name	heme oxygenase 1
NCBI Official Synonym Full Names	heme oxygenase 1
NCBI Official Symbol	Hmox1
NCBI Official Synonym Symbols	HO1; HO-1; Hmox; Hemox; Hsp32; D8Wsu38e
NCBI Protein Information	heme oxygenase 1
UniProt Protein Name	Heme oxygenase 1
UniProt Gene Name	Hmox1
UniProt Synonym Gene Names	HO-1

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/hmox1-mouse-elisa-kits/heme-oxygenase-1/310007>