

Mouse Heme oxygenase 2 ELISA Kit | Hmox2 elisa kit

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CATALOG #
AAA56089

REACTIVITY
Mouse

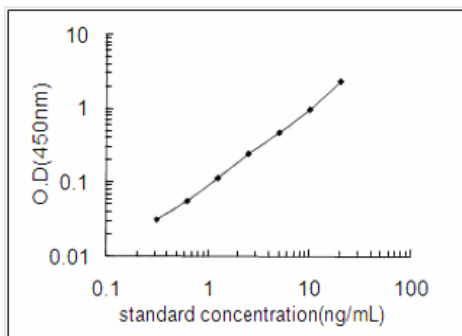
PRODUCT SYNONYMS

Heme oxygenase 2; Mouse Heme oxygenase 2 ELISA Kit; Hmox2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse HO-2. No significant cross-reactivity or interference was observed.
Sequence Length	315
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.166 ng/mL
Intra-Assay CV	<=6.7%
Inter-Assay CV	<=9.3%
Recovery	98%
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 Hmox2 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HO-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for HO-2 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-2, 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 HO-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862939
NCBI GeneID	15369
NCBI Accession #	NP_001129538.1
NCBI GenBank Nucleotide #	NM_001136066.2
UniProt Accession #	O70252; O70626
Molecular Weight	35,739 Da
NCBI Official Full Name	heme oxygenase 2
NCBI Official Synonym Full Names	heme oxygenase 2
NCBI Official Symbol	Hmox2
NCBI Official Synonym Symbols	HO2; HO-2
NCBI Protein Information	heme oxygenase 2
UniProt Protein Name	Heme oxygenase 2
UniProt Gene Name	Hmox2
UniProt Synonym Gene Names	HO-2
UniProt Entry Name	HMOX2_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/hmox2-mouse-elisa-kits/heme-oxygenase-2/56089>