

Mouse HO-2 ELISA Kit | HO-2 elisa kit

Mouse HO-2 (Heme Oxygenase 2, Decycling) ELISA Kit

CATALOG #
AAA164453

REACTIVITY
Mouse

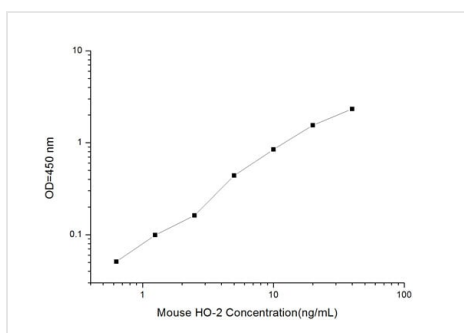
PRODUCT SYNONYMS

HO-2; Mouse HO-2 (Heme Oxygenase 2; Decycling) ELISA Kit; HO-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse HO-2. No significant cross-reactivity or interference between Mouse HO-2 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse HO-2 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	287
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	Min: 0.375ng/mL; Max: 40ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HO-2 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HO-2 in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse HO-2. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse HO-2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse HO-2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse HO-2. You can calculate the concentration of Mouse HO-2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	555943926
NCBI GeneID	3163
NCBI Accession #	NP_001273200.1
NCBI GenBank Nucleotide #	NM_001286271.1
UniProt Accession #	P30519; O60605; A8MT35; D3DUD5; I3L430
Molecular Weight	32,837 Da
NCBI Official Full Name	heme oxygenase 2 isoform c
NCBI Official Synonym Full Names	heme oxygenase (decycling) 2
NCBI Official Symbol	HMOX2
NCBI Official Synonym Symbols	HO-2
NCBI Protein Information	heme oxygenase 2
UniProt Protein Name	Heme oxygenase 2
UniProt Gene Name	HMOX2
UniProt Synonym Gene Names	HO2; HO-2
UniProt Entry Name	HMOX2_HUMAN

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/mouse-elisa-kits/ho-2/164453>