

Rat heme oxygenase (decycling) 1 ELISA Kit | HMOX1 elisa kit

Rat heme oxygenase 1, HO-1 ELISA Kit

CATALOG #
AAA80104

REACTIVITY
Rat

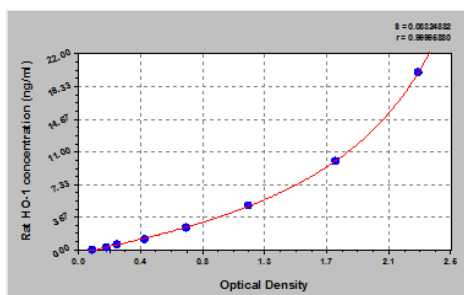
PRODUCT SYNONYMS

heme oxygenase (decycling) 1; Rat heme oxygenase 1; HO-1 ELISA Kit; HO-1; HSP32; bK286B10; heme oxygenase (decyclizing) 1; HMOX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat HMOX1. No significant cross-reactivity or interference between Rat HMOX1 and analogues was observed.
Sequence Length	289
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HMOX1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HO-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HO-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HO-1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HO-1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6981032
NCBI GeneID	24451
NCBI Accession #	NP_036712.1
NCBI GenBank Nucleotide #	NM_012580.2
UniProt Accession #	P06762; Q5BK87
Molecular Weight	33,006 Da
NCBI Official Full Name	heme oxygenase 1
NCBI Official Synonym Full Names	heme oxygenase (decycling) 1
NCBI Official Symbol	Hmox1
NCBI Official Synonym Symbols	Ho1; Heox; Hmox; Ho-1; HEOXG; hsp32
NCBI Protein Information	heme oxygenase 1; heme oxygenase (decyclizing) 1
UniProt Protein Name	Heme oxygenase 1
UniProt Gene Name	Hmox1
UniProt Synonym Gene Names	HO-1
UniProt Entry Name	HMOX1_RAT

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-rat-elisa-kits/heme-oxygenase-decycling-1/80104>