

Human HO1 ELISA Kit | HO1 elisa kit

Human HO1 (Heme Oxygenase 1) ELISA Kit

CATALOG #
AAA163730

REACTIVITY
Human

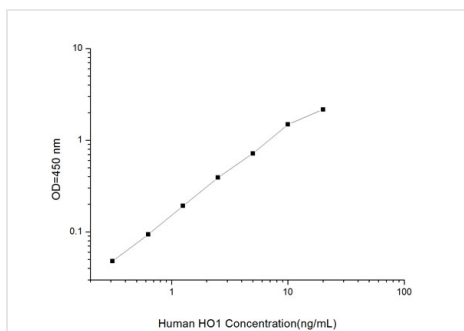
PRODUCT SYNONYMS

HO1; Human HO1 (Heme Oxygenase 1) ELISA Kit; HO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human HO1. No significant cross-reactivity or interference between Human HO1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human HO1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	289
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HO1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HO1 in human 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 Human HO1. 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 Human HO1 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 Human HO1, 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 Human HO1. You can calculate the concentration of Human HO1 in the samples by comparing the OD of the samples to the standard curve.
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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://www.aaabiotech.com/human-elisa-kits/ho1/163730>