

Pig Heme oxygenase 1 ELISA Kit | HMOX1 elisa kit

Pig Heme oxygenase 1 (HMOX1) ELISA Kit

CATALOG # AAA55736	REACTIVITY Pig
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PRODUCT SYNONYMS

Heme oxygenase 1; Pig Heme oxygenase 1 (HMOX1) ELISA Kit; HMOX1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of Pig HMOX1. No significant cross-reactivity or interference between Pig HMOX1 and analogues was observed.
Sequence Length	288
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31 ng/mL - 20 ng/mL
Sensitivity	0.156 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for HMOX1 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate HMOX1 in Pig serum, plasma. An antibody specific for HMOX1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HMOX1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HMOX1 is added to the wells. After washing, Streptavidin 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 HMOX1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Pig Heme oxygenase 1 (HMOX1) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51592105
NCBI GeneID	445512
NCBI Accession #	NP_001004027.1
NCBI GenBank Nucleotide #	NM_001004027.1
UniProt Accession #	P32394

Molecular Weight	33,074 Da
NCBI Official Full Name	heme oxygenase 1
NCBI Official Symbol	HMOX1
NCBI Official Synonym Symbols	HSP32
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://www.aaabiotech.com/hmox1-pig-elisa-kits/heme-oxygenase-1/55736>