

Human hydroxyacid oxidase (glycolate oxidase) 1 ELISA Kit | HAO1 elisa kit

Human Hydroxyacid oxidase 1, HAO1 ELISA Kit

CATALOG #
AAA18288

REACTIVITY
Human

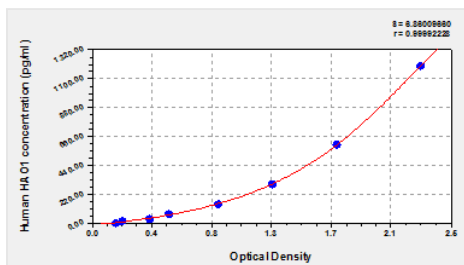
PRODUCT SYNONYMS

hydroxyacid oxidase (glycolate oxidase) 1; Human Hydroxyacid oxidase 1; HAO1 ELISA Kit; Human Hydroxyacid oxidase 1 (HAO1) ELISA kit; GOX; GOX1; HAOX1; MGC142225; MGC142227; (S) -2-hydroxy-acid oxidase; glycolate oxidase; hydroxyacid oxidase 1; HAO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HAO1. No significant cross-reactivity or interference between human HAO1 and analogues was observed.
Sequence Length	370
Samples	serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	18.75 pg/ml -1200 pg/ml
Sensitivity	<4.69 pg/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 HAO1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HAO1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HAO1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HAO1 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 HAO1 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 #	11068137
NCBI GeneID	54363
NCBI Accession #	NP_060015.1
NCBI GenBank Nucleotide #	NM_017545.2
UniProt Accession #	Q9UJM8; Q14CQ0; Q9UPZ0; Q9Y3I7
Molecular Weight	40,924 Da
NCBI Official Full Name	hydroxyacid oxidase 1
NCBI Official Synonym Full Names	hydroxyacid oxidase (glycolate oxidase) 1
NCBI Official Symbol	HAO1
NCBI Official Synonym Symbols	GOX; GOX1; HAOX1
NCBI Protein Information	hydroxyacid oxidase 1; glycolate oxidase; (S)-2-hydroxy-acid oxidase
UniProt Protein Name	Hydroxyacid oxidase 1
UniProt Gene Name	HAO1
UniProt Synonym Gene Names	GOX1; HAOX1; HAOX1; GOX
UniProt Entry Name	HAOX1_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/ha01-human-elisa-kits/hydroxyacid-oxidase-glycolate-oxidase-1/18288>