

Mouse Probable 4-hydroxy-2-oxoglutarate aldolase, mitochondrial ELISA Kit | Hoga1 elisa kit

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CATALOG # AAA56212	REACTIVITY Mouse
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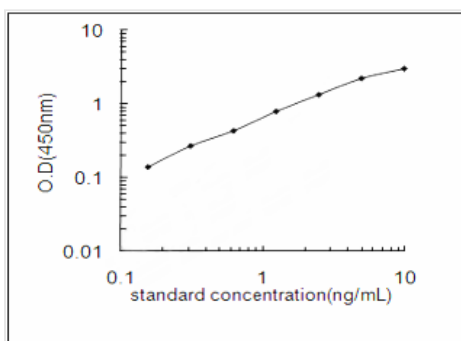
PRODUCT SYNONYMS

Probable 4-hydroxy-2-oxoglutarate aldolase; mitochondrial; Mouse Probable 4-hydroxy-2-oxoglutarate aldolase; mitochondrial ELISA Kit; Hoga1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Probable 4-hydroxy-2-oxoglutarate aldolase, mitochondrial. No significant cross-reactivity or interference was observed.
Sequence Length	327
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=6.2%
Inter-Assay CV	<=7.7%
Recovery	96%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hoga1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Probable 4-hydroxy-2-oxoglutarate aldolase, mitochondrial. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Probable 4-hydroxy-2-oxoglutarate aldolase, mitochondrial and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Probable 4-hydroxy-2-oxoglutarate aldolase, mitochondrial, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Probable 4-hydroxy-2-oxoglutarate aldolase, mitochondrial in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13385656
NCBI GeneID	67432
NCBI Accession #	NP_080428.1
NCBI GenBank Nucleotide #	NM_026152.1
UniProt Accession #	Q9DCU9; Q91W74; Q9CY60
Molecular Weight	34,644 Da
NCBI Official Full Name	4-hydroxy-2-oxoglutarate aldolase, mitochondrial
NCBI Official Synonym Full Names	4-hydroxy-2-oxoglutarate aldolase 1
NCBI Official Symbol	Hoga1
NCBI Official Synonym Symbols	Npl2; Dhdp1; 0610010D20Rik
NCBI Protein Information	4-hydroxy-2-oxoglutarate aldolase, mitochondrial
UniProt Protein Name	4-hydroxy-2-oxoglutarate aldolase, mitochondrial
UniProt Gene Name	Hoga1
UniProt Synonym Gene Names	Dhdp1; DHDP1-like protein; Probable KHG-aldolase
UniProt Entry Name	HOGA1_MOUSE

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.