

Bovine Probable 4-hydroxy-2-oxoglutarate aldolase, mitochondrial ELISA Kit | HOGA1 elisa kit

Bovine Probable 4-hydroxy-2-oxoglutarate aldolase, mitochondrial ELISA Kit

CATALOG # AAA56424	REACTIVITY Bovine
------------------------------	-----------------------------

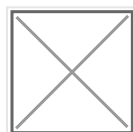
PRODUCT SYNONYMS

Probable 4-hydroxy-2-oxoglutarate aldolase; mitochondrial; Bovine Probable 4-hydroxy-2-oxoglutarate aldolase; mitochondrial ELISA Kit; HOGA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovine Probable 4-hydroxy-2-oxoglutarate aldolase, mitochondrial. No significant cross-reactivity or interference was observed.
Sequence Length	327
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.
Detection Range	0.78 ng/ml -50.0 ng/ml.
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.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	115497664
NCBI GeneID	506001
NCBI Accession #	NP_001068705.1
NCBI GenBank Nucleotide #	NM_001075237.1

UniProt Accession #	Q0P5I5; Q0V7M3
Molecular Weight	35,217 Da
NCBI Official Full Name	4-hydroxy-2-oxoglutarate aldolase, mitochondrial
NCBI Official Symbol	HOGA1
NCBI Official Synonym Symbols	NPL2; DHDPSL; C10orf65
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	DHDPSL; DHDPS-like protein; Probable KHG-aldolase
UniProt Entry Name	HOGA1_BOVIN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hoga1-bovine-ovine-elisa-kits/probable-4-hydroxy-2-oxoglutarate-aldolase-mitochondrial/56424>