Mouse Hypoxia-inducible gene 2 protein ELISA Kit | Hig2 elisa kit

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CATALOG #	REACTIVITY
AAA56440	**Mouse**

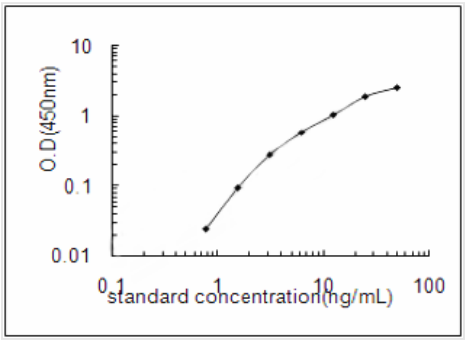
PRODUCT SYNONYMS

Hypoxia-inducible gene 2 protein; Mouse Hypoxia-inducible gene 2 protein ELISA Kit; Hig2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Hypoxia-inducible gene 2 protein. No significant cross-reactivity or interference was observed.
Sequence Length	64
Assay Type	Sandwich
Detection Range	0.78-50 ng/ml
Sensitivity	0.416 ng/mL
Intra-Assay CV	<=8.8%
Inter-Assay CV	<=10.6%
Recovery	103%
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 Hig2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Hypoxia-inducible gene 2 protein. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Hypoxia-inducible gene 2 protein 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 Hypoxia-inducible gene 2 protein, 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 Hypoxia-inducible gene 2 protein in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12963711
NCBI GeneID	69573
NCBI Accession #	NP_076005.1
NCBI GenBank Nucleotide #	NM_023516.5
UniProt Accession #	Q9JLS0; Q3UMU3; Q8VDY1
Molecular Weight	7,007 Da
NCBI Official Full Name	hypoxia-inducible lipid droplet-associated protein isoform 2
NCBI Official Synonym Full Names	hypoxia inducible lipid droplet associated
NCBI Official Symbol	Hilpda
NCBI Official Synonym Symbols	Hig2; AW049004; 2310016C08Rik
NCBI Protein Information	hypoxia-inducible lipid droplet-associated protein
UniProt Protein Name	Hypoxia-inducible lipid droplet-associated protein
UniProt Gene Name	**Hilpda**
UniProt Synonym Gene Names	Hig2
UniProt Entry Name	HLPDA_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.

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Online datasheet: https://www.aaabiotech.com/hig2-mouse-elisa-kits/hypoxia-inducible-gene-2-protein/56440