

Mouse Hypoxia-inducible factor 1-alpha ELISA Kit | Hif1a elisa kit

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CATALOG #
AAA23166

REACTIVITY
Mouse

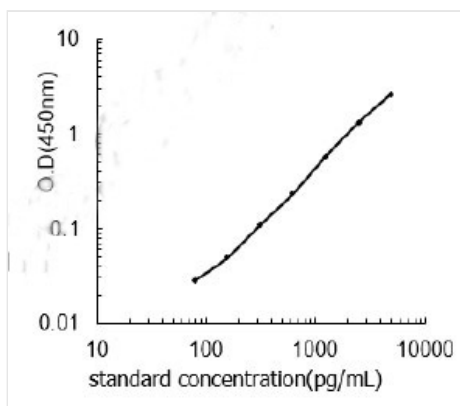
PRODUCT SYNONYMS

Hypoxia-inducible factor 1-alpha; Mouse Hypoxia-inducible factor 1-alpha ELISA Kit; HIF-1-alpha; HIF1-alpha; ARNT-interacting protein; Hif1a; Hif1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse HIF-1-alpha
Sequence Length	837
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	78-5000 pg/mL
Sensitivity	< 39.8 pg/mL
Intra-assay Precision	<=5.6%
Inter-assay Precision	<=9.9%
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 Hif1a elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen 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 #	927028881
NCBI GeneID	15251
NCBI Accession #	NP_001300848.1
NCBI GenBank Nucleotide #	NM_001313919.1
UniProt Accession #	Q61221; O08741; O08993; Q61664; Q61665; Q8C681; Q8CC19; Q8CCB6; Q8R385; Q9CYA8
Molecular Weight	91,874 Da
NCBI Official Full Name	hypoxia-inducible factor 1-alpha isoform 1
NCBI Official Synonym Full Names	hypoxia inducible factor 1, alpha subunit
NCBI Official Symbol	Hif1a
NCBI Official Synonym Symbols	MOP1; bHLHe78; AA959795; HIF1alpha; HIF1-alpha; HIF-1-alpha
NCBI Protein Information	hypoxia-inducible factor 1-alpha
UniProt Protein Name	Hypoxia-inducible factor 1-alpha
UniProt Gene Name	Hif1a
UniProt Synonym Gene Names	HIF-1-alpha; HIF1-alpha
UniProt Entry Name	HIF1A_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://stage.aaabiotech.com/hif1a-mouse-elisa-kits/hypoxia-inducible-factor-1-alpha/23166>