

Mouse Hypoxia-inducible factor 1-alpha ELISA Kit | Hif1alpha elisa kit

Mouse Hypoxia-inducible factor 1-alpha ELISA Kit

CATALOG #
AAA102029

REACTIVITY
Mouse

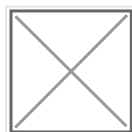
PRODUCT SYNONYMS

Hypoxia-inducible factor 1-alpha; Mouse Hypoxia-inducible factor 1-alpha ELISA Kit; Hif1alpha/HIF-1alpha/HIF1A/ARNT-interacting protein/Basic-helix-loop-helix-PAS protein MOP1/BHLHE78/Class E basic helix-loop-helix protein 78/HIF-1-alpha/HIF1-alpha/hypoxia-inducible factor 1-alpha/Member of PAS protein 1/member of PAS superfamily 1/PAS domain-containing protein 8; Hif1alpha elisa kit

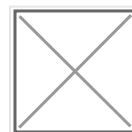
PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	850
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	125-8000pg/ml
Sensitivity	75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hif1alpha elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse Hif1alpha antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Hif1alpha antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Hif1alpha amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Hif1alpha can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	340545531
NCBI GeneID	3091
NCBI Accession #	NP_001230013.1
NCBI GenBank Nucleotide #	NM_001243084.1

Molecular Weight	95,634 Da
NCBI Official Full Name	hypoxia-inducible factor 1-alpha isoform 3
NCBI Official Synonym Full Names	hypoxia inducible factor 1 alpha subunit
NCBI Official Symbol	HIF1A
NCBI Official Synonym Symbols	HIF1; MOP1; PASD8; HIF-1A; bHLHe78; HIF-1alpha; 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	BHLHE78; MOP1; PASD8; HIF-1-alpha; HIF1-alpha; bHLHe78
UniProt Entry Name	HIF1A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hif1alpha-mouse-elisa-kits/hypoxia-inducible-factor-1-alpha/102029>