

Human hypoxia-inducible factor 1 (HIF-1) ELISA Kit | HIF-1 elisa kit

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CATALOG #
AAA43946

REACTIVITY
Human

PRODUCT SYNONYMS

hypoxia-inducible factor 1 (HIF-1); Human hypoxia-inducible factor 1 (HIF-1) ELISA Kit; HIF-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	713
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.01ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HIF-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Hypoxia-Inducible Factor 1 (also known as HIF-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human HIF-1 antibody. HIF-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human HIF-1 Antibody is added and binds to HIF-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HIF-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human HIF-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	922580848
NCBI GeneID	180359
NCBI Accession #	NP_001299994.1
NCBI GenBank Nucleotide #	NM_001313065.1
UniProt Accession #	A0A0K3AXG6; G5EGD2
Molecular Weight	79,080 Da
NCBI Official Full Name	Hypoxia-inducible factor 1
NCBI Official Symbol	hif-1
NCBI Protein Information	Hypoxia-inducible factor 1
UniProt Protein Name	Hypoxia-inducible factor 1
UniProt Gene Name	hif-1

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/human-elisa-kits/hypoxia-inducible-factor-1-hif-1/43946>