

Human Hypoxia-inducible factor 1-alpha inhibitor ELISA Kit | HIF1AN elisa kit

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CATALOG #
AAA190955

REACTIVITY
Human

PRODUCT SYNONYMS

Hypoxia-inducible factor 1-alpha inhibitor; Human Hypoxia-inducible factor 1-alpha inhibitor ELISA Kit; Factor inhibiting HIF-1; FIH-1; Hypoxia-inducible factor asparagine hydroxylase; HIF1AN; FIH1; 1.14.11.30; HIF1AN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural humanHypoxia-inducible factor 1-alpha inhibitor. No significant cross-reactivity or interference was observed.
Sequence Length	349
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.12ng/mL
Intra-Assay CV	<=5.1%
Inter-Assay CV	<=7.9%
Recovery	96%
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 HIF1AN elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination ofhumanHypoxia-inducible factor 1-alpha inhibitorconcentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay||The microtiter plate provided in this kit has been pre-coated with an antibody specific to Hypoxia-inducible factor 1-alpha inhibitor. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forHypoxia-inducible factor 1-alpha inhibitor 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 factor 1-alpha inhibitor, 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 factor 1-alpha inhibitor in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148596936
NCBI GeneID	55662
NCBI Accession #	NP_060372.2
NCBI GenBank Nucleotide #	NM_017902.2
UniProt Accession #	Q9NWT6; Q5W147; Q969Q7; Q9NPV5; D3DR69
Molecular Weight	40,285 Da
NCBI Official Full Name	hypoxia-inducible factor 1-alpha inhibitor
NCBI Official Synonym Full Names	hypoxia inducible factor 1 alpha subunit inhibitor
NCBI Official Symbol	HIF1AN
NCBI Official Synonym Symbols	FIH1
NCBI Protein Information	hypoxia-inducible factor 1-alpha inhibitor
UniProt Protein Name	Hypoxia-inducible factor 1-alpha inhibitor
UniProt Gene Name	HIF1AN
UniProt Synonym Gene Names	FIH1; FIH-1
UniProt Entry Name	HIF1N_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.

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Online datasheet: <https://stage.aaabiotech.com/hif1an-human-elisa-kits/hypoxia-inducible-factor-1-alpha-inhibitor/190955>