

Human Hypoxia-inducible factor 3-alpha, HIF-3-alpha ELISA Kit | HIF-3-alpha elisa kit

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CATALOG #
AAA310062

REACTIVITY
Human

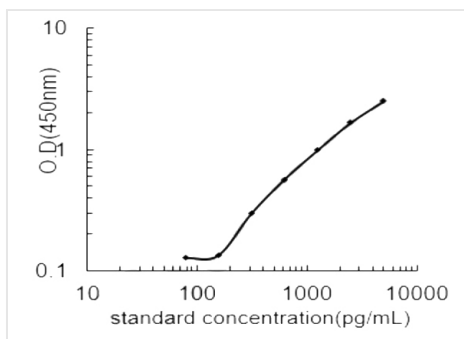
PRODUCT SYNONYMS

Hypoxia-inducible factor 3-alpha; HIF-3-alpha; Human Hypoxia-inducible factor 3-alpha; HIF-3-alpha ELISA Kit; Homo sapiens; Human; HIF3-alpha; Basic-helix-loop-helix-PAS protein MOP7; Class E basic helix-loop-helix protein 17; bHLHe17; HIF3-alpha-1; Inhibitory PAS domain; HIF3A; HIF-3-alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural humanHIF-3-alpha. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	78.0pg/ml -5000pg/ml
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HIF-3-alpha elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HIF-3-alpha. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forHIF-3-alpha 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 HIF-3-alpha, 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 $\pm$ 2 nm. The concentration of HIF-3-alpha in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination ofhumanHIF-3-alphaconcentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #

326807022

NCBI GeneID	64344
NCBI Accession #	NP_071907.4
NCBI GenBank Nucleotide #	NM_022462.4
UniProt Accession #	Q9Y2N7; Q58A43; Q66K72; Q8WXA1; Q96K34; Q9H7Z9; Q9HAI2; B0M185; B4DNA2; I6L988
Molecular Weight	64,359 Da
NCBI Official Full Name	hypoxia-inducible factor 3-alpha isoform b
NCBI Official Synonym Full Names	hypoxia inducible factor 3 alpha subunit
NCBI Official Symbol	HIF3A
NCBI Official Synonym Symbols	IPAS; MOP7; PASD7; HIF-3A; bHLHe17; HIF3-alpha-1
NCBI Protein Information	hypoxia-inducible factor 3-alpha
UniProt Protein Name	Hypoxia-inducible factor 3-alpha
UniProt Gene Name	HIF3A
UniProt Synonym Gene Names	HIF3-alpha; bHLHe17; IPAS

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-3-alpha-hif-3-alpha/310062>