

Porcine Hypoxia-Inducible Factor 1 Alpha (HIF-1A) ELISA Kit | HIF-1A elisa kit

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CATALOG #
AAA122729

REACTIVITY
Porcine

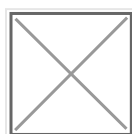
PRODUCT SYNONYMS

Hypoxia-Inducible Factor 1 Alpha (HIF-1A); Porcine Hypoxia-Inducible Factor 1 Alpha (HIF-1A) ELISA Kit; HIF-1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Sequence Length	826
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5mg/L-200mg/L
Sensitivity	0.36mg/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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-1A elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Porcine Glycosaminoglycans (also known as GAGs) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Porcine GAGs antibody. GAGs present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Porcine GAGs Antibody is added and binds to GAGs in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GAGs 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 Porcine GAGs. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504385
NCBI GeneID	3091

NCBI Accession #	NP_001521.1
NCBI GenBank Nucleotide #	NM_001530.4
UniProt Accession #	Q16665
NCBI Official Full Name	hypoxia-inducible factor 1-alpha isoform 1
NCBI Official Synonym Full Names	hypoxia inducible factor 1 subunit alpha
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.

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Online datasheet: <https://stage.aaabiotech.com/porcine-elisa-kits/hypoxia-inducible-factor-1-alpha-hif-1a/122729>