

Rat Hypoxia Inducible Factor 2 Alpha (HIF2a) ELISA Kit | HIF2a elisa kit

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CATALOG #
AAA121206

REACTIVITY
Rat

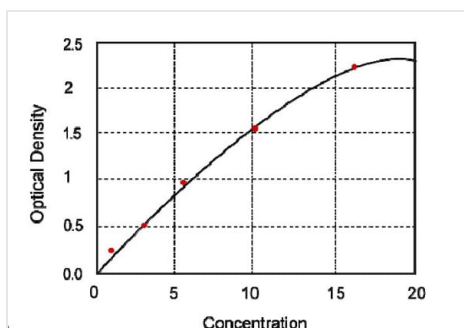
PRODUCT SYNONYMS

Hypoxia Inducible Factor 2 Alpha (HIF2a); Rat Hypoxia Inducible Factor 2 Alpha (HIF2a) ELISA Kit; HIF2a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	874
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	15ng/L - 3000ng/L
Sensitivity	7.15ng/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 HIF2a elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Hypoxia Inducible Factor 2 Alpha (also known as HIF2A) 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 Rat HIF2A antibody. HIF2A present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat HIF2A Antibody is added and binds to HIF2A in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HIF2A 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 Rat HIF2A. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	8953577
NCBI GeneID	29452
UniProt Accession #	Q9JHS1
Molecular Weight	96,718 Da
NCBI Official Full Name	hypoxia inducible factor 2 alpha
NCBI Official Synonym Full Names	endothelial PAS domain protein 1
NCBI Official Symbol	Epas1
NCBI Official Synonym Symbols	HLF; Hif2a; HIF2 alpha; HIF-2 alpha
NCBI Protein Information	endothelial PAS domain-containing protein 1
UniProt Protein Name	Endothelial PAS domain-containing protein 1
UniProt Gene Name	Epas1
UniProt Synonym Gene Names	Hif2a; EPAS-1; HIF-2-alpha; HIF2-alpha

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://www.aaabiotech.com/rat-elisa-kits/hypoxia-inducible-factor-2-alpha-hif2a/121206>