

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

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CATALOG #
AAA71160

REACTIVITY
Rat

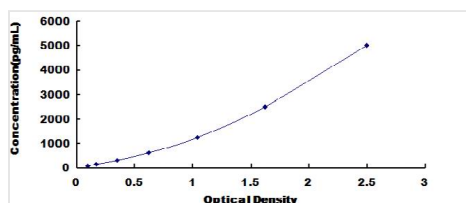
PRODUCT SYNONYMS

Hypoxia Inducible Factor 2 Alpha (HIF2a); Rat Hypoxia Inducible Factor 2 Alpha (HIF2a) ELISA Kit; EPAS1; HLF; MOP2; PASD2; BHLHE73; Endothelial PAS Domain 1; HIF-1 Alpha-Like Factor; Basic-helix-loop-helix-PAS protein MOP2; Class E basic helix-loop-helix protein 73; HIF2a rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	874
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	25pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HIF2a rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HIF2a. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HIF2a. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HIF2a, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of HIF2a in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12831205
NCBI GeneID	29452
NCBI Accession #	NP_075578.1
NCBI GenBank Nucleotide #	NM_023090.1
UniProt Accession #	Q9JHS1
Molecular Weight	96,718 Da
NCBI Official Full Name	endothelial PAS domain-containing protein 1
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://stage.aaabiotech.com/rat-rtu-elisa-kits/hypoxia-inducible-factor-2-alpha-hif2a/71160>