

Rat Hypoxia Inducible Factor 1 Alpha (HIF1a) RTU ELISA Kit | HIF1a rtu elisa kit

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CATALOG #
AAA71157

REACTIVITY
Rat

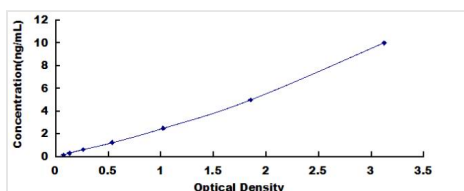
PRODUCT SYNONYMS

Hypoxia Inducible Factor 1 Alpha (HIF1a); Rat Hypoxia Inducible Factor 1 Alpha (HIF1a) ELISA Kit; HIF1-A; MOP1; PASD8; Basic Helix-Loop-Helix Transcription Factor; ARNT-interacting protein; Basic-helix-loop-helix-PAS protein MOP1; Class E basic helix-loop-helix protein 78; HIF1a rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	823
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/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 HIF1a rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HIF1a. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HIF1a. 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 HIF1a, 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 HIF1a in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13242249
NCBI GeneID	29560
NCBI Accession #	NP_077335.1
NCBI GenBank Nucleotide #	NM_024359.1
UniProt Accession #	O35800; Q9WTU9
Molecular Weight	92,319 Da
NCBI Official Full Name	hypoxia-inducible factor 1-alpha
NCBI Official Synonym Full Names	hypoxia inducible factor 1 subunit alpha
NCBI Official Symbol	Hif1a
NCBI Official Synonym Symbols	MOP1
NCBI Protein Information	hypoxia-inducible factor 1-alpha
UniProt Protein Name	Hypoxia-inducible factor 1-alpha
UniProt Gene Name	Hif1a
UniProt Synonym Gene Names	HIF-1-alpha; HIF1-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-1-alpha-hif1a/71157>