

Human HIF1a (Hypoxia Inducible Factor 1 Alpha) ELISA Kit | HIF1a elisa kit

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CATALOG #
AAA270249

REACTIVITY
Human

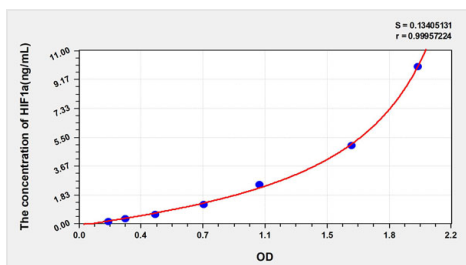
PRODUCT SYNONYMS

HIF1a (Hypoxia Inducible Factor 1 Alpha); Human HIF1a (Hypoxia Inducible Factor 1 Alpha) ELISA Kit; HIF1-Alpha; 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 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Type	Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.057 ng/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HIF1a elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Hypoxia Inducible Factor 1 Alpha(HIF1a). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Hypoxia Inducible Factor 1 Alpha(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 Hypoxia Inducible Factor 1 Alpha(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 Hypoxia Inducible Factor 1 Alpha(HIF1a) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for HIF1a elisa kit

[Tumor immunity](#); [Cardiovascular biology](#); [Reproductive science](#)

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/hif1a-hypoxia-inducible-factor-1-alpha/270249>