

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

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CATALOG #  
**AAA248747**

REACTIVITY  
**Rabbit**

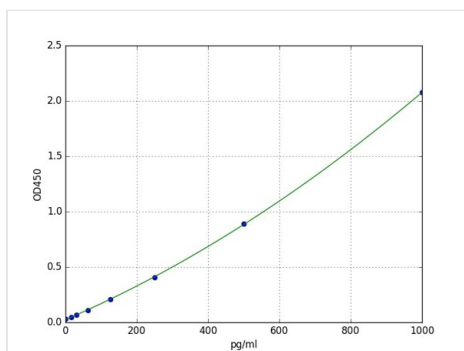
### PRODUCT SYNONYMS

HIF1a (Hypoxia Inducible Factor 1 Alpha); Rabbit HIF1a (Hypoxia Inducible Factor 1 Alpha) ELISA Kit; Hypoxia Inducible Factor 1 Alpha; HIF1a elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                                                                                                       |
| Sequence Length         | 826                                                                                                                                                          |
| Assay Type              | Sandwich ELISA, Double Antibody                                                                                                                              |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                         |
| Detection Range         | 15.625-1000pg/ml                                                                                                                                             |
| Sensitivity             | 9.375pg/ml                                                                                                                                                   |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for HIF1a elisa kit

**Principle of the Assay:** This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-HIF1a antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-HIF1a antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the HIF1a amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of HIF1a can be calculated.

### NCBI AND UNIPROT INFORMATION

NCBI GI #

2498017

|                                  |                                                                         |
|----------------------------------|-------------------------------------------------------------------------|
| NCBI GeneID                      | 3091                                                                    |
| Molecular Weight                 | 95,634 Da                                                               |
| NCBI Official Full Name          | Hypoxia-inducible factor 1-alpha                                        |
| NCBI Official Synonym Full Names | hypoxia inducible factor 1 alpha subunit                                |
| 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                  |

**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/rabbit-elisa-kits/hif1a-hypoxia-inducible-factor-1-alpha/248747>