

Human endothelial PAS domain protein 1 ELISA Kit | EPAS1 elisa kit

Human hypoxia-inducible factor 2, HIF-2 ELISA Kit

CATALOG #
AAA15311

REACTIVITY
Human

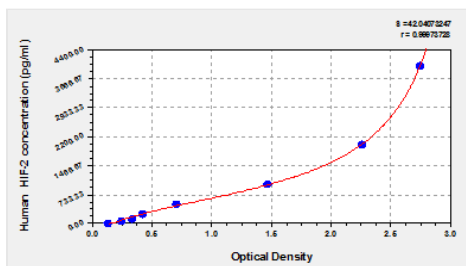
PRODUCT SYNONYMS

endothelial PAS domain protein 1; Human hypoxia-inducible factor 2; HIF-2 ELISA Kit; Human hypoxia-inducible factor 2 (HIF-2) ELISA kit; ECYT4; HIF2A; HLF; MOP2; PASD2; bHLHe73; HIF-1alpha-like factor; basic-helix-loop-helix-PAS protein MOP2; hypoxia-inducible factor 2 alpha; member of PAS protein 2; EPAS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HIF-2. No significant cross-reactivity or interference between human HIF-2 and analogues was observed.
Sequence Length	870
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPAS1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HIF-2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HIF-2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HIF-2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of HIF-2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40254439
NCBI GeneID	2034
NCBI Accession #	NP_001421.2
NCBI GenBank Nucleotide #	NM_001430.4
UniProt Accession #	Q99814; Q86VA2; Q99630
Molecular Weight	96,459 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; MOP2; ECYT4; HIF2A; PASD2; bHLHe73
NCBI Protein Information	endothelial PAS domain-containing protein 1; EPAS-1; HIF2-alpha; HIF-2-alpha; HIF-1alpha-like factor; HIF-1-alpha-like factor; member of PAS protein 2; PAS domain-containing protein 2; hypoxia-inducible factor 2 alpha; hypoxia-inducible factor 2-alpha; basic-helix-loop-helix-PAS protein MOP2; class E basic helix-loop-helix protein 73
UniProt Protein Name	Endothelial PAS domain-containing protein 1
UniProt Gene Name	EPAS1
UniProt Synonym Gene Names	BHLHE73; HIF2A; MOP2; PASD2; EPAS-1; bHLHe73; HLF; HIF-2-alpha; HIF2-alpha
UniProt Entry Name	EPAS1_HUMAN

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/epas1-human-elisa-kits/endothelial-pas-domain-protein-1/15311>