

Human Endothelial PAS domain-containing protein 1 ELISA Kit | EPAS1 elisa kit

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CATALOG #
AAA101299

REACTIVITY
Human

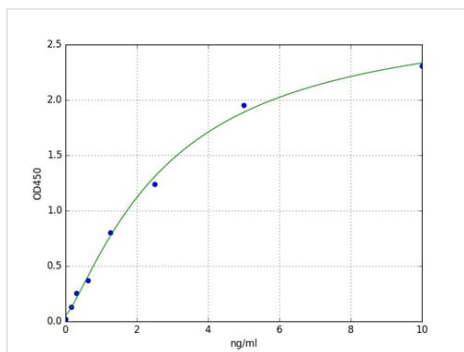
PRODUCT SYNONYMS

Endothelial PAS domain-containing protein 1; Human Endothelial PAS domain-containing protein 1 ELISA Kit; EPAS1 (Endothelial PAS domain-containing protein 1)/EPAS-1/HLF/MOP2/Basic-helix-loop-helix-PAS protein MOP2/BHLHE73/Class E basic helix-loop-helix protein 73/endothelial PAS domain protein 1/HIF-1alpha-like factor/HIF2A/HIF-2-alpha/HIF-1-alpha-like factor/hypoxia-inducible factor 2 alpha/Hypoxia-inducible factor 2-alpha/Member of PAS protein 2/HIF2-alpha/PASD2/PAS domain-containing protein 2; EPAS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	870
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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)

Typical Data & Standard Curve
Results of a typical standard run of a Human EPAS1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment (N/A-not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.110	0.183	0.248	0.418	0.628	1.184	1.632	1.986

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EPAS1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human EPAS1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human EPAS1 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 Human EPAS1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human EPAS1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254439
NCBI GeneID	2034
NCBI Accession #	NP_001421.2
NCBI GenBank Nucleotide #	NM_001430.4
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; ECT4; HIF2A; PASD2; bHLHe73
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	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-containing-protein-1/101299>