

Mouse Egl Nine Homolog 1 (EGLN1) RTU ELISA Kit | EGLN1 rtu elisa kit

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CATALOG #
AAA70372

REACTIVITY
Mouse

PRODUCT SYNONYMS

Egl Nine Homolog 1 (EGLN1); Mouse Egl Nine Homolog 1 (EGLN1) ELISA Kit; ECYT3; HIFPH2; PHD2; C1orf12; SM20; ZMYND6; HIF Prolyl Hydroxylase 2; Prolyl hydroxylase domain-containing protein 2; Hypoxia-inducible factor prolyl hydroxylase 2; EGLN1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	400
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.108ng/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 EGLN1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to EGLN1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to EGLN1. 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 EGLN1, 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 EGLN1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	158303306
NCBI GeneID	112405

NCBI Accession #	NP_444437.2
NCBI GenBank Nucleotide #	NM_053207.2
UniProt Accession #	Q91YE3 ; Q8VHJ2 ; Q922P3
Molecular Weight	43,111 Da
NCBI Official Full Name	egl nine homolog 1 isoform 1
NCBI Official Synonym Full Names	egl-9 family hypoxia-inducible factor 1
NCBI Official Symbol	Egln1
NCBI Official Synonym Symbols	Phd2; HPH-2; ORF13; SM-20; C1orf12; HIF-PH2; AI503754; Hif-p4h-2
NCBI Protein Information	egl nine homolog 1
UniProt Protein Name	Egl nine homolog 1
UniProt Gene Name	Egln1
UniProt Synonym Gene Names	HIF-PH2; HIF-prolyl hydroxylase 2; HPH-2; PHD2

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/mouse-rtu-elisa-kits/egl-nine-homolog-1-egln1/70372>