

Human Enolase 1 (ENO1) CLIA Kit | ENO1 clia kit

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CATALOG # AAA189023	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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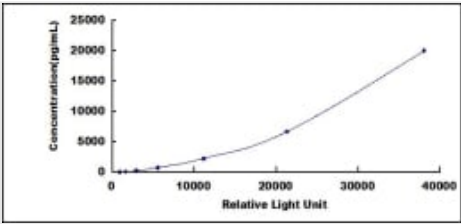
PRODUCT SYNONYMS

Enolase 1 (ENO1); Human Enolase 1 (ENO1) CLIA Kit; Enolase 1; NNE; ENO1L1; MPB1; PPH; Alpha Enolase; Phosphopyruvate hydratase; Plasminogen-binding protein; 2-phospho-D-glycerate hydro-lyase; C-myc promoter-binding; ENO1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Enolase 1 (ENO1). No significant cross-reactivity or interference between Enolase 1 (ENO1) and analogues was observed.
Sequence Length	341
Assay Type	Double-antibody Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Detection Range	27.4-20,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 9.5pg/mL
Applicable Applications for ENO1 clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Enolase 1 (ENO1) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Enolase 1 (ENO1) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Enolase 1 (ENO1). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Enolase 1 (ENO1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Enolase 1 (ENO1) level in the sample or standard.
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	319996655
NCBI GeneID	2023
NCBI Accession #	NP_001188412.1
NCBI GenBank Nucleotide #	NP_001188412.1
UniProt Accession #	P06733
NCBI Official Full Name	c-myc promoter-binding protein-1 isoform MBP-1
NCBI Official Synonym Full Names	enolase 1
NCBI Official Symbol	ENO1
NCBI Official Synonym Symbols	NNE; PPH; MPB1; ENO1L1; HEL-S-17
NCBI Protein Information	alpha-enolase; c-myc promoter-binding protein-1
UniProt Protein Name	Alpha-enolase
UniProt Gene Name	ENO1
UniProt Synonym Gene Names	ENO1L1; MBPB1; MPB1; NNE
UniProt Entry Name	ENOA_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.