

Human enolase 1, (alpha) ELISA Kit | ENO1 elisa kit

Human Alpha-enolase, ENO1/ENO1L1/MBPB1/MPB1 ELISA Kit

CATALOG #
AAA15818

REACTIVITY
Human

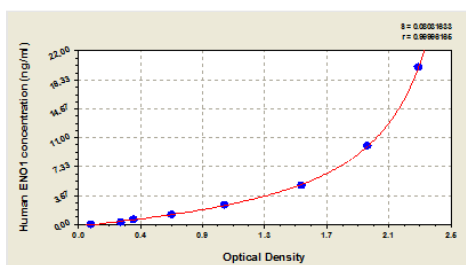
PRODUCT SYNONYMS

enolase 1; (alpha); Human Alpha-enolase; ENO1/ENO1L1/MBPB1/MPB1 ELISA Kit; Human Alpha-enolase (ENO1/ENO1L1/MBPB1/MPB1) ELISA kit; ENO1L1; MBP-1; MPB1; NNE; PPH; 2-phospho-D-glycerate hydro-lyase; MYC promoter-binding protein 1; alpha enolase like 1; non-neural enolase; phosphopyruvate hydratase; tau-crystallin; ENO1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ENO1. No significant cross-reactivity or interference between human ENO1 and analogues was observed.
Sequence Length	341
Samples	Serum, tissue homogenates, plasma
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/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 ENO1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ENO1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ENO1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ENO1 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 ENO1 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 #	319996655
NCBI GeneID	2023
NCBI Accession #	NP_001188412.1
NCBI GenBank Nucleotide #	NM_001201483.1
UniProt Accession #	P06733; P22712; Q16704; Q4TUS4; Q53FT9; Q53HR3; Q658M5; Q6GMP2; Q71V37; Q7Z3V6; Q8WU71; B2RD59
Molecular Weight	47,169 Da
NCBI Official Full Name	c-myc promoter-binding protein-1 isoform MBP-1
NCBI Official Synonym Full Names	enolase 1, (alpha)
NCBI Official Symbol	ENO1
NCBI Official Synonym Symbols	NNE; PPH; MPB1; ENO1L1
NCBI Protein Information	alpha-enolase; c-myc promoter-binding protein-1; enolase-alpha; tau-crystallin; non-neural enolase; alpha enolase like 1; phosphopyruvate hydratase; plasminogen-binding protein; MYC promoter-binding protein 1; 2-phospho-D-glycerate hydro-lyase
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/eno1-human-elisa-kits/enolase-1-alpha/15818>