

Rat alpha-enolase ELISA Kit | ENO1 elisa kit

Rat alpha-enolase ELISA Kit

CATALOG #
AAA112872

REACTIVITY
Rat

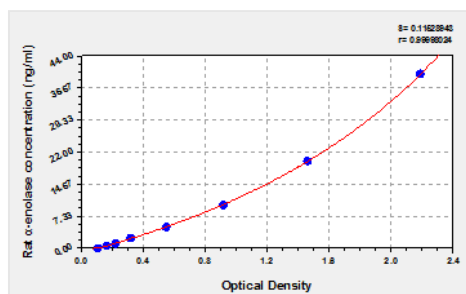
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat alpha-enolase. No significant cross-reactivity or interference between rat alpha-enolase and analogues was observed.
Sequence Length	434
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	< 0.156 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 alpha-enolase has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any alpha-enolase present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for alpha-enolase 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 alpha-enolase 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 #	158186651
NCBI GeneID	24333
NCBI Accession #	NP_001103378.1
NCBI GenBank Nucleotide #	NM_001109908.1
UniProt Accession #	P04764; Q66HI3; Q6AYV3; Q6P504
Molecular Weight	47,128 Da
NCBI Official Full Name	alpha-enolase
NCBI Official Synonym Full Names	enolase 1, (alpha)
NCBI Official Symbol	Eno1
NCBI Official Synonym Symbols	Nne
NCBI Protein Information	alpha-enolase; alpha enolase; non-neural enolase; enolase 1, alpha non-neuron; 2-phospho-D-glycerate hydro-lyase
UniProt Protein Name	Alpha-enolase
UniProt Gene Name	Eno1
UniProt Synonym Gene Names	Eno-1; NNE
UniProt Entry Name	ENOA_RAT

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/eno1-rat-elisa-kits/alpha-enolase/112872>