

Rat Beta-enolase (ENO3) ELISA Kit | ENO3 elisa kit

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CATALOG #
AAA244500

REACTIVITY
Rat

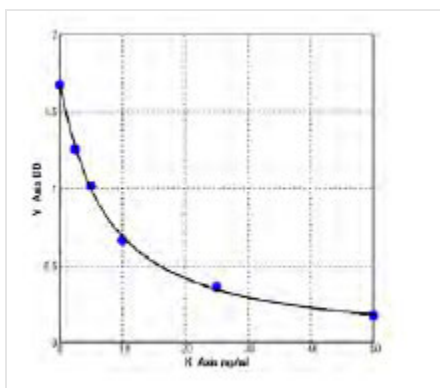
PRODUCT SYNONYMS

Beta-enolase (ENO3); Rat Beta-enolase (ENO3) ELISA Kit; ENO3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ENO3 elisa kit

Intended Uses: This ENK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ENK. This ELISA kit for research use only!

Principle of the Assay: ENK ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ENK antibody and an ENK-HRP conjugate. The assay sample and buffer are incubated together with ENK-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ENK concentration since ENK from samples and ENK-HRP conjugate compete for the anti-ENK antibody binding site. Since the number of sites is limited, as more sites are occupied by ENK from the sample, fewer sites are left to bind ENK-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ENK concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126723393
NCBI GeneID	25438
NCBI Accession #	NP_037081.2
NCBI GenBank Nucleotide #	NM_012949.2
Molecular Weight	47,014 Da
NCBI Official Full Name	beta-enolase
NCBI Official Synonym Full Names	enolase 3, beta, muscle
NCBI Official Symbol	Eno3
NCBI Official Synonym Symbols	BBE; MSE
NCBI Protein Information	beta-enolase; muscle-specific enolase; skeletal muscle enolase; 2-phospho-D-glycerate hydro-lyase; Muscle specific enolase (beta beta enolase) (two splicing products)
UniProt Protein Name	Beta-enolase
UniProt Gene Name	Eno3
UniProt Synonym Gene Names	Eno-3; MSE
UniProt Entry Name	ENOB_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.