

Mouse Enolase, Neuron Specific (NSE) RTU ELISA Kit | NSE rtu elisa kit

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CATALOG #
AAA217482

REACTIVITY
Mouse

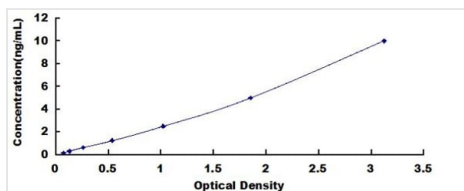
PRODUCT SYNONYMS

Enolase; Neuron Specific (NSE); Mouse Enolase; Neuron Specific (NSE) ELISA Kit; ENO2; Enolase 2; Gamma Enolase; 2-phospho-D-glycerate hydro-lyase; Neural enolase; NSE rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	315
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.069ng/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 NSE rtu elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	703491589
NCBI GeneID	13807
NCBI Accession #	NP_001289571.1
NCBI GenBank Nucleotide #	NM_001302642.1
UniProt Accession #	P17183
Molecular Weight	47,297 Da
NCBI Official Full Name	gamma-enolase isoform 2
NCBI Official Synonym Full Names	enolase 2, gamma neuronal
NCBI Official Symbol	Eno2
NCBI Official Synonym Symbols	NSE; Eno-2; A1837106; D6Ert375e
NCBI Protein Information	gamma-enolase
UniProt Protein Name	Gamma-enolase
UniProt Gene Name	Eno2
UniProt Synonym Gene Names	Eno-2; NSE

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://www.aaabiotech.com/mouse-rtu-elisa-kits/enolase-neuron-specific-nse/217482>