

Rat Neuron-specific enolase, NSE ELISA Kit | NSE elisa kit

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CATALOG #
AAA41823

REACTIVITY
Rat

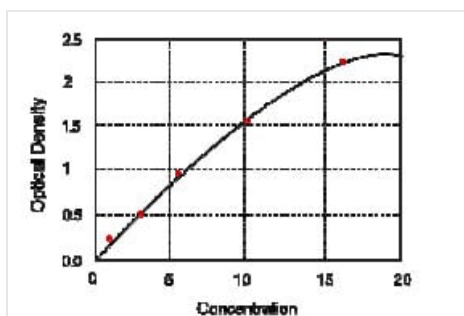
PRODUCT SYNONYMS

Neuron-specific enolase; NSE; Rat Neuron-specific enolase; NSE ELISA Kit; NSE elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	434
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.09ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NSE elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Neuron-specific enolase (also known as NSE) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat NSE antibody. NSE present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat NSE Antibody is added and binds to NSE in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NSE antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat NSE. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	359719155
NCBI GeneID	102190860
Molecular Weight	47,266 Da
NCBI Official Full Name	neuron-specific enolase
NCBI Official Symbol	ENO2
NCBI Official Synonym Symbols	NSE
NCBI Protein Information	gamma-enolase
UniProt Protein Name	Neuron-specific enolase
UniProt Gene Name	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://stage.aaabiotech.com/rat-elisa-kits/neuron-specific-enolase-nse/41823>