

Human NSE (Neuron-Specific Enolase) CLIA Kit | NSE clia kit

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CATALOG #
AAA171217

REACTIVITY
Human

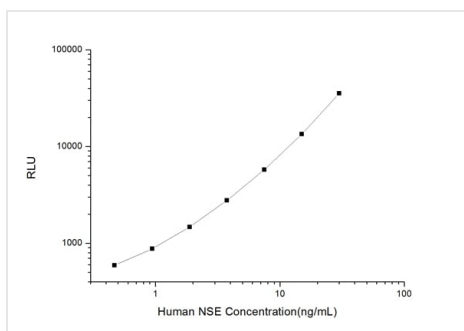
PRODUCT SYNONYMS

NSE (Neuron-Specific Enolase); Human NSE (Neuron-Specific Enolase) CLIA Kit; Enolase gamma; Enolase g; Enolase 2; NSE clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant NSE. No significant cross-reactivity or interference between NSE and analogues was observed.
Sequence Length	434
Assay Type	Sandwich
Detection Range	0.469-30ng/mL
Sensitivity	Min: 0.281ng/mL; Max: 30ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NSE clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of NSE concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to NSE. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for NSE and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain NSE, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of NSE. You can calculate the concentration of NSE in the samples by comparing the RLU value of the samples to the standard curve.

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	enolase 2 (gamma, neuronal)
UniProt Protein Name	Neuron-specific enolase
UniProt Gene Name	NSE
UniProt Entry Name	G9JNA8_CAPHI

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/human-clia-kits/nse-neuron-specific-enolase/171217>