

Mouse Nestin (NES) ELISA Kit | NES elisa kit

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CATALOG #
AAA68124

REACTIVITY
Mouse

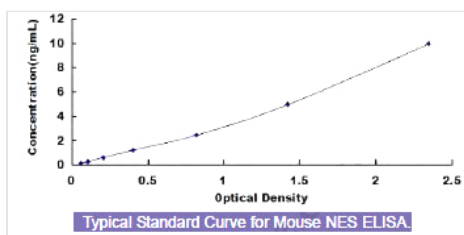
PRODUCT SYNONYMS

Nestin (NES); Mouse Nestin (NES) ELISA Kit; NES elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of NES. No significant cross-reactivity or interference between NES and analogues was observed.
Sequence Length	1,820
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.062ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NES were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NES were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NES elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NES in tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NES. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NES. 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 NES, 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 +/- 10nm. The concentration of NES in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50363232
NCBI GeneID	18008
NCBI Accession #	NP_057910.3
NCBI GenBank Nucleotide #	NM_016701.3
UniProt Accession #	Q6P5H2; Q80X00; Q8BPH7; Q9CV43; Q9R0C4; A1E2I2
Molecular Weight	201,770 Da
NCBI Official Full Name	nestin
NCBI Official Synonym Full Names	nestin
NCBI Official Symbol	Nes
NCBI Official Synonym Symbols	RC2; Marc2; C78523; ESTM46; Ifaprc2; AA166324
NCBI Protein Information	nestin
UniProt Protein Name	Nestin
UniProt Gene Name	Nes

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.