

Human Neugrin (NGRN) ELISA Kit | NGRN elisa kit

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CATALOG #
AAA67362

REACTIVITY
Human

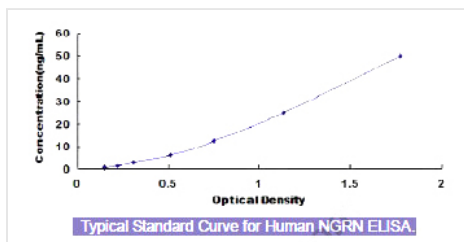
PRODUCT SYNONYMS

Neugrin (NGRN); Human Neugrin (NGRN) ELISA Kit; Neurite Outgrowth Associated Mesenchymal stem cell protein DSC92 Spinal cord-derived protein FI58G; NGRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NGRN. No significant cross-reactivity or interference between NGRN and analogues was observed.
Sequence Length	291
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	0.28ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NGRN 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 NGRN 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 NGRN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NGRN in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NGRN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NGRN. 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 NGRN, 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 NGRN 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 #	75677385
NCBI GeneID	51335
NCBI Accession #	NP_001028260.2
NCBI GenBank Nucleotide #	NM_001033088.1
UniProt Accession #	Q9NPE2; Q4V9L7; Q9HBL4; B2R6M8
Molecular Weight	6,851 Da
NCBI Official Full Name	neugrin
NCBI Official Synonym Full Names	neugrin, neurite outgrowth associated
NCBI Official Symbol	NGRN
NCBI Official Synonym Symbols	DSC92
NCBI Protein Information	neugrin
UniProt Protein Name	Neugrin
UniProt Gene Name	NGRN
UniProt Synonym Gene Names	FI58G

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.