

Rat Nerve Growth Factor IB (NGFIB) ELISA Kit | NGFIB elisa kit

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CATALOG #
AAA64947

REACTIVITY
Rat

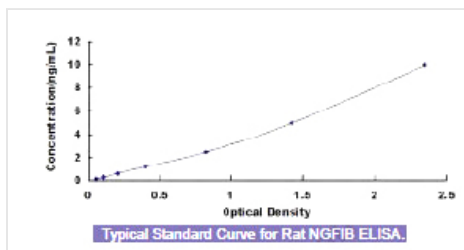
PRODUCT SYNONYMS

Nerve Growth Factor IB (NGFIB); Rat Nerve Growth Factor IB (NGFIB) ELISA Kit; GFRP1; HMR; N10; NAK-1; NGFIB; NP10; NUR77; TR3; DHR38; TIS1; Orphan nuclear receptor HMR; Testicular receptor 3; Nuclear receptor subfamily 4 group A member 1; NGFIB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of NGFIB. No significant cross-reactivity or interference between NGFIB and analogues was observed.
Sequence Length	597
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NGFIB 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 NGFIB 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 NGFIB elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NGFIB in rat 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 NGFIB. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NGFIB. 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 NGFIB, 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 NGFIB 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 #	399498497
NCBI GeneID	79240
NCBI Accession #	NP_077364.2
NCBI GenBank Nucleotide #	NM_024388.2
UniProt Accession #	P22829; Q4V8M4
Molecular Weight	64,282 Da
NCBI Official Full Name	nuclear receptor subfamily 4 group A member 1
NCBI Official Synonym Full Names	nuclear receptor subfamily 4, group A, member 1
NCBI Official Symbol	Nr4a1
NCBI Official Synonym Symbols	HMR; Nur77; Ngfi-b
NCBI Protein Information	nuclear receptor subfamily 4 group A member 1
UniProt Protein Name	Nuclear receptor subfamily 4 group A member 1
UniProt Gene Name	Nr4a1
UniProt Synonym Gene Names	Hmr; Ngfib; NGFI-B

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/nerve-growth-factor-ib-ngfib/64947>