

Human Neuropilin 1 (NRP1) CLIA Kit | NRP1 clia kit

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CATALOG #
AAA130384

REACTIVITY
Human

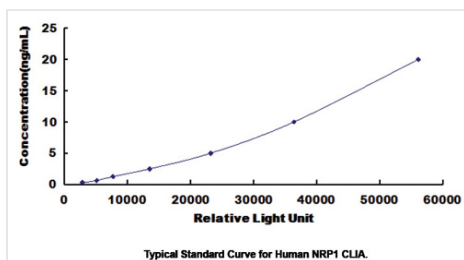
PRODUCT SYNONYMS

Neuropilin 1 (NRP1); Human Neuropilin 1 (NRP1) CLIA Kit; CD304; BDCA4; VEGF165R; Vascular endothelial cell growth factor 165 receptor; NRP1 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Neuropilin 1 (NRP1). No significant cross-reactivity or interference between Neuropilin 1 (NRP1) and analogues was observed.
Sequence Length	923
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates and other biological fluids
Detection Range	27.4-20,000pg/mL
Sensitivity	11.4pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Neuropilin 1 (NRP1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Neuropilin 1 (NRP1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NRP1 clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Neuropilin 1 (NRP1). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Neuropilin 1 (NRP1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Neuropilin 1 (NRP1) level in the sample or standard.;
Product Categories/Family for NRP1 clia kit	Neuroscience; Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	182508169
NCBI GeneID	8829
NCBI Accession #	NP_003864.4
NCBI GenBank Nucleotide #	NM_003873.5
UniProt Accession #	O14786; O60461; Q5T7F1; Q5T7F2; Q5T7F3; Q86T59; Q96I90; Q96IH5; B0LPG9
Molecular Weight	68,376 Da
NCBI Official Full Name	neuropilin-1 isoform a
NCBI Official Synonym Full Names	neuropilin 1
NCBI Official Symbol	NRP1
NCBI Official Synonym Symbols	NP1; NRP; BDCA4; CD304; VEGF165R
NCBI Protein Information	neuropilin-1
UniProt Protein Name	Neuropilin-1
UniProt Gene Name	NRP1
UniProt Synonym Gene Names	NRP; VEGF165R
UniProt Entry Name	NRP1_HUMAN

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/neuropilin-1-nrp1/130384>