

Human neuropilin 2 ELISA Kit | NRP2 elisa kit

Human Neuropilin-2, NRP2 ELISA Kit

CATALOG #
AAA112355

REACTIVITY
Human

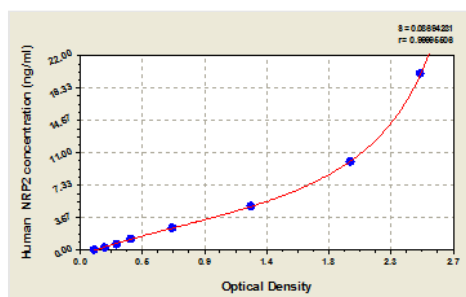
PRODUCT SYNONYMS

neuropilin 2; Human Neuropilin-2; NRP2 ELISA Kit; Human Neuropilin-2 (NRP2) ELISA kit; MGC126574; NP2; NPN2; PRO2714; VEGF165R2; OTTHUMP00000206355; neuropilin-2a (17) ; neuropilin-2a (22) ; neuropilin-2b (0) ; receptor for VEGF165 and semaphorins class3; vascular endothelial growth factor-165 r; NRP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human NRP2. No significant cross-reactivity or interference between human NRP2 and analogues was observed.
Sequence Length	926
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	0.312 ng/ml -20 ng/ml.
Sensitivity	0.078 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NRP2 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NRP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NRP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NRP2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NRP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41872533
NCBI GeneID	8828
NCBI Accession #	NP_003863.2
NCBI GenBank Nucleotide #	NM_003872.2
UniProt Accession #	O60462; O14820; O14821; Q53TQ4; Q53TS3; Q7LBX7; Q9H2D4; Q9H2D5; Q9H2E2; Q9H2E3; Q9H2E4; E9PF66
Molecular Weight	104,859 Da
NCBI Official Full Name	neuropilin-2 isoform 2
NCBI Official Synonym Full Names	neuropilin 2
NCBI Official Symbol	NRP2
NCBI Official Synonym Symbols	NP2; NPN2; PRO2714; VEGF165R2
NCBI Protein Information	neuropilin-2; neuropilin-2b(0); neuropilin-2a(17); neuropilin-2a(22); receptor for VEGF165 and semaphorins class3; vascular endothelial cell growth factor 165 receptor 2
UniProt Protein Name	Neuropilin-2
UniProt Gene Name	NRP2
UniProt Synonym Gene Names	VEGF165R2
UniProt Entry Name	NRP2_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/nrp2-human-elisa-kits/neuropilin-2/112355>