

Human Neuropilin-2, NRP2 ELISA Kit | NRP2 elisa kit

Human Neuropilin-2, NRP2 Primacu ELISA Kit

CATALOG #
AAA124101

REACTIVITY
Human

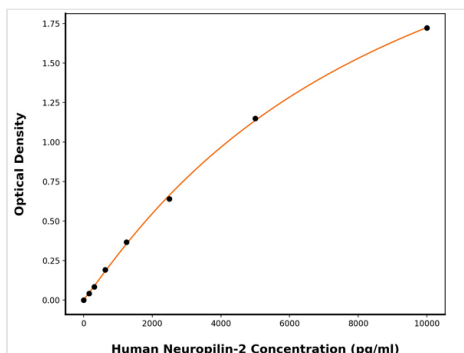
PRODUCT SYNONYMS

Neuropilin-2; NRP2; Human Neuropilin-2; NRP2 Primacu ELISA Kit; VEGF165R2; NRP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	156.25-10000pg/mL
Sensitivity	31.69pg/mL
Standard Solution	100ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for NRP2 elisa kit	Neuropilin-2 (NRP-2) which is related to NRP-1, is a type I? transmembrane glycoprotein and has the structure characteristic with five main extracellular domains: two complement binding (CUB) domains, two coagulation factor V/VIII homology domains, and a MAM (meprin, tyrosine phosphatase domain) region. NRP-2 is a receptor capable of binding two disparate ligands, classIII semaphorins (SEMA) and vascular endothelial growth factors (VEGF), and thus regulates two diverse systems by activating cellular signaling pathways via interacting with other cell surface receptors such as VEGF receptors and plexins. NRP-2 is well known for its role in facilitating axonal guidance during the development of the neuronal system, and additionally, it is also expressed in vascular endothelial cells and lymphatic endothelium where it affects proliferation, migration, angiogenesis, as well as the formation of small lymphatic vessels and capillaries. A recent study has identified NRP-2 as a polysialylation protein expressed in human dendritic cells and modulates DC-T Cell Interactions. Nearly all tumor cells express neuropilins and NRP-2 is predominantly expressed in neuronal tumors and melanomas. Furthermore, it is suggested that as the specific ligand for NRP-2, SEMA 3F inhibits tumor angiogenesis, and metastasis.
Product Categories/Family for NRP2 elisa kit	Primacu ELISA Kit; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	2978562
NCBI GeneID	8828
UniProt Accession #	O60462; O14820; O14821; Q53TQ4; Q53TS3; Q7LBX7; Q9H2D4; Q9H2D5; Q9H2E2; Q9H2E3; Q9H2E4; E9PF66
Molecular Weight	104,859 Da
NCBI Official Full Name	vascular endothelial cell growth factor 165 receptor 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.