

Human Olfactomedin-2/Noelin-2 ELISA Kit | OLFM2 elisa kit

Human Olfactomedin-2/Noelin-2 ELISA Kit PicoKine

CATALOG # AAA128023	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

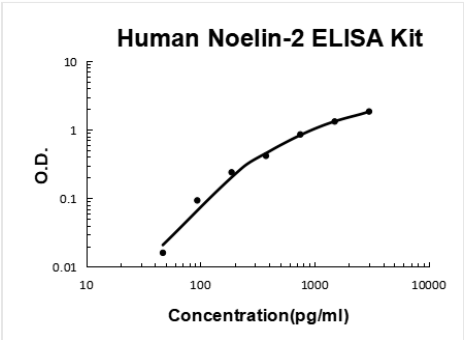
Olfactomedin-2/Noelin-2; Human Olfactomedin-2/Noelin-2 ELISA Kit PicoKine; OLFM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	cell culture supernatants, serum and plasma (heparin, EDTA)
Assay Range	46.9pg/ml-3,000pg/ml
Sensitivity	<25pg/ml
Capture antibody and Detection antibody	polyclonal antibody from goat polyclonal antibody from goat
Immunogen	Expression system for standard: CHO; Immunogen sequence: Q21-P454
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for OLFM2 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration(pg/ml)046.993.8187.53757501,5003,000O.D.0.0230.0390.1160.2620.4390.8761.3411.867
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay Precision Sample123123n161616242424Mean(pg/ml)4913997059123838Standard deviation1.866.2746.662.947.4931.26CV(%)3.8%4.5%4.8%5%6.1%3.7%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 149624964561.252.2%Sample 21391071101871364.913.6%Sample 397091113711205111471.876.5%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Human Olfactomedin-2/Noelin-2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for OLFM2 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for OLFM2 elisa kit	PicoKine ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	747811823
NCBI GeneID	93145
NCBI Accession #	NP_001291276.1
NCBI GenBank Nucleotide #	NM_001304347.1
UniProt Accession #	O95897; Q6IMJ3; Q96FC2
Molecular Weight	51,386 Da
NCBI Official Full Name	noelin-2 isoform 1
NCBI Official Synonym Full Names	olfactomedin 2
NCBI Official Symbol	OLFM2
NCBI Official Synonym Symbols	NOE2; OlfC; NOELIN2; NOELIN2_V1
NCBI Protein Information	noelin-2
UniProt Protein Name	Noelin-2
UniProt Gene Name	OLFM2
UniProt Synonym Gene Names	NOE2

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.

