

Human NOV/CCN3 ELISA Kit | NOV elisa kit

Human NOV/CCN3 PicoKine ELISA Kit

CATALOG #
AAA11627

REACTIVITY
Human

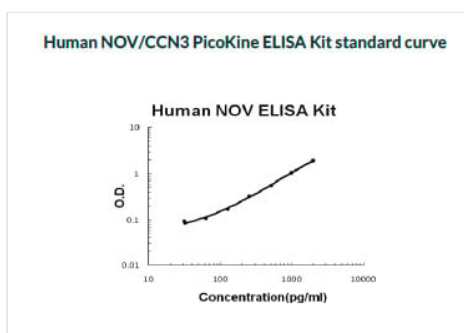
PRODUCT SYNONYMS

NOV/CCN3; Human NOV/CCN3 PicoKine ELISA Kit; Protein NOV homolog; nephroblastoma overexpressed; CCN family member 3; CCN3; IBP-9; IGF-binding protein 9; IGFBP-9; IGFBP9; Insulin-like growth factor-binding protein 9; Nephroblastoma overexpressed; Nephroblastoma overexpressed gene protein homolog; Nephroblastoma-overexpressed gene protein homolog; NOV; NOV_HUMAN; NovH; NOV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human CCN3
Sequence Length	357
Samples	Cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Detection Range	31.2 pg/ml - 2,000 pg/ml
Sensitivity	<2 pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOV elisa kit	Background: NOV (nephroblastoma overexpressed), also known as CCN3, is a matricellular protein that in humans is encoded by the NOV gene. The protein encoded by this gene is a small secreted cysteine-rich protein and a member of the CCN family of regulatory proteins. This gene is mapped to 8q24.12. NOV is a potentially useful marker for the diagnosis of adrenal gland diseases, malignant adrenocortical tumors, multiple sclerosis and so on. Moreover, reduced expression of NOV in ACTs may play an important role in the process of childhood ACT tumorigenesis. Though studying, it identified Nov as a regulator of human hematopoietic stem or progenitor cells. Principle of the Assay: The Picokine™ Human CCN3 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid-phase immunoassay specially designed to measure Human CCN3 with a 96-well strip plate that is pre-coated with antibody specific for CCN3. The detection antibody is a biotinylated antibody specific for CCN3. The capture antibody is polyclonal antibody from goat and the detection antibody is polyclonal antibody from goat. The kit contains recombinant Human CCN3 with immunogen: Expression system for standard: NSO; Immunogen sequence: T32-M357. The kit is analytically validated with ready-to-use reagents. To measure Human CCN3, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is an HRP substrate and will be catalyzed to produce a blue color product, which changes into yellow after adding the acidic stop solution. The absorbance of the yellow product at 450nm is linearly proportional to Human CCN3 in the sample. Read the absorbance of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human CCN3 in the sample.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	1352515
NCBI GeneID	4856
UniProt Accession #	P48745; Q6I9S3; Q96BY5; Q9UDE4; B2R5X7
Molecular Weight	39,162 Da
NCBI Official Full Name	Protein NOV homolog
NCBI Official Synonym Full Names	nephroblastoma overexpressed
NCBI Official Symbol	NOV
NCBI Official Synonym Symbols	CCN3; NOVh; IBP-9; IGFBP9; IGFBP-9
NCBI Protein Information	protein NOV homolog; CCN family member 3; IGF-binding protein 9; insulin-like growth factor-binding protein 9; nephroblastoma-overexpressed gene protein homolog
UniProt Protein Name	Protein NOV homolog
UniProt Gene Name	NOV
UniProt Synonym Gene Names	CCN3; IGFBP9; NOVH; NovH; IBP-9; IGF-binding protein 9; IGFBP-9
UniProt Entry Name	NOV_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/nov-ccn3/11627>