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## Datasheet for ABIN6720176

### NOV ELISA Kit

#### Overview

|                          |                         |
|--------------------------|-------------------------|
| Quantity:                | 1 kit                   |
| Target:                  | NOV                     |
| Reactivity:              | Human                   |
| Method Type:             | Sandwich ELISA          |
| Detection Range:         | 31.2 pg/mL - 2000 pg/mL |
| Minimum Detection Limit: | 31.2 pg/mL              |
| Application:             | ELISA                   |

#### Product Details

|                    |  |
|--------------------|--|
| Purpose:           | Sandwich ELISA for Quantitative Detection of Antigen   |
| Sample Type:       | Cell Culture Supernatant, Plasma (EDTA - heparin), Serum   |
| Analytical Method: | Quantitative   |
| Detection Method:  | Colorimetric   |
| Characteristics:   | <p>Synonyms: 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, Protein NOV homolog</p> <p>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</p> |

## Product Details

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.

Gene Name: NOV

Production: Natural and recombinant human NOV. There is no detectable cross-reactivity with other relevant proteins.

Standard: Expression system for standard: NSO, Immunogen sequence: T32-M357

## Target Details

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| Target:           | NOV  |
| Alternative Name: | NOV - CCN3 ( <a href="#">NOV Products</a> )  |
| Gene ID:          | 4856   |
| NCBI Accession:   | <a href="#">NP_002505</a>  |
| UniProt:          | <a href="#">P48745</a>   |
| Pathways:         | <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Growth Factor Binding</a> |

## Application Details

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| Application Notes: | <p>Application Note: Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1 mL per well of the 2000pg/mL, 1000pg/mL, 500pg/mL, 250pg/mL, 125pg/mL, 62.5pg/mL, 31.2pg/mL human NOV standard solutions into the precoated 96-well plate. Add 0.1 mL of the sample diluent buffer into the control well (Zero well). Add 0.1 mL of each properly diluted sample of human cell culture supernates, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each human NOV standard solution and each sample be measured in duplicate.</p> <p>Blood Product Anticoagulant: Heparin Sodium</p> <p>ELISA Dilution: 31.2pg/mL-2000pg/mL</p> <p>Other Performance Data: DOE: 2-8 C - 11/23/17 -20 C - 05/24/18</p> |
| Sample Volume:     | 100 µL  |
| Plate:             | Pre-coated  |
| Restrictions:      | For Research Use only   |

## Handling

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| Storage: | RT, 4 °C, -20 °C |
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| Storage Comment: | Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing. |
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