

## Human Nucleolin (NCL) ELISA Kit | NCL elisa kit

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CATALOG #  
**AAA331512**

REACTIVITY  
**Human**

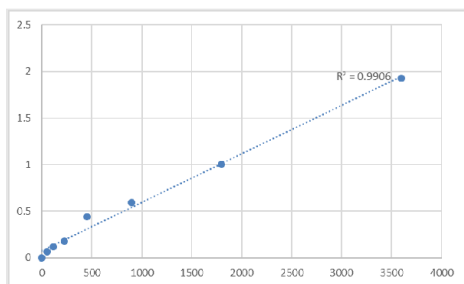
### PRODUCT SYNONYMS

Nucleolin (NCL); Human Nucleolin (NCL) ELISA Kit; NCL; C23; FLJ45706; FLJ59041; NCL elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Specificity             | Human Nucleolin (NCL) ELISA Kit has high sensitivity and excellent specificity for detection of Human NCL. No significant cross-reactivity or interference between Human NCL and analogues was observed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sequence Length         | 710                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Assay Type              | Sandwich ELISA (Quantitative)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Detection Method        | Colorimetric                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Usage Notes             | <ul style="list-style-type: none"> <li>* Do not mix components from different kit lots or use reagents beyond the kit expiration date.</li> <li>* Allow all reagents to warm to room temperature for at least 30 minutes before opening.</li> <li>* Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination.</li> <li>* Unused wells must be kept desiccated at 4 degree C in the sealed bag provided.</li> <li>* Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes.</li> <li>* It is recommended that all samples and standards be assayed in duplicate or triplicate.</li> </ul> |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### IMAGES



**Standard Curve (Sample)**

Fig.1. Human Nucleolin (NCL) Standard Curve.

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for NCL elisa kit | <p>Description: This Human Nucleolin (NCL) ELISA Kit employs a two-site sandwich ELISA to quantitate NCL in samples. An antibody specific for NCL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NCL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NCL is added to the wells. After washing, Streptavidin 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 NCL bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> <p>Background: Nucleolin (NCL), a eukaryotic nucleolar phosphoprotein, is involved in the synthesis and maturation of ribosomes. It is located mainly in dense fibrillar regions of the nucleolus. Human NCL gene consists of 14 exons with 13 introns and spans approximately 11kb. The intron 11 of the NCL gene encodes a small nucleolar RNA, termed U20.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |             |
|----------------------------------|-------------|
| NCBI GI #                        | 55956788    |
| NCBI GeneID                      | 4691        |
| NCBI Accession #                 | NP_005372.2 |
| NCBI GenBank Nucleotide #        | NP_005372.2 |
| UniProt Accession #              | P19338      |
| NCBI Official Full Name          | nucleolin   |
| NCBI Official Synonym Full Names | nucleolin   |
| NCBI Official Symbol             | NCL         |
| NCBI Official Synonym Symbols    | C23; Nsr1   |
| NCBI Protein Information         | nucleolin   |
| UniProt Protein Name             | Nucleolin   |
| UniProt Gene Name                | NCL         |
| UniProt Entry Name               | NUCL_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.