

## Rabbit Nucleoporin 155kDa ELISA Kit | NUP155 elisa kit

Rabbit Nucleoporin 155kDa ELISA Kit

CATALOG #  
**AAA82094**

REACTIVITY  
**Rabbit**

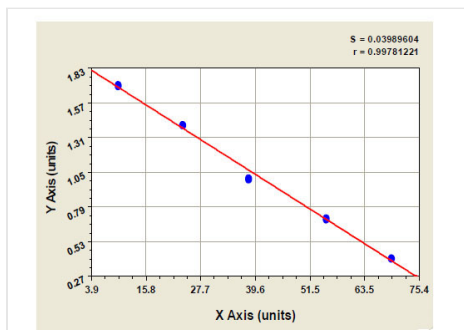
### PRODUCT SYNONYMS

Nucleoporin 155kDa; Rabbit Nucleoporin 155kDa ELISA Kit; NUP155 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rabbit                                                                                                                                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                  |
| Assay Type              | Competitive                                                                                                                                                                                 |
| Detection Range         | 0.5-10ng/mL                                                                                                                                                                                 |
| Sensitivity             | 0.1ng/mL                                                                                                                                                                                    |
| Intended Uses           | This NUP155 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit NUP155. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for NUP155 elisa kit

**Principle of the assay:** NUP155 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NUP155 antibody and an NUP155-HRP conjugate. The assay sample and buffer are incubated together with NUP155-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NUP155 concentration since NUP155 from samples and NUP155-HRP conjugate compete for the anti-NUP155 antibody binding site. Since the number of sites is limited, as more sites are occupied by NUP155 from the sample, fewer sites are left to bind NUP155-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NUP155 concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                             |
|----------------------------------|-----------------------------------------------------------------------------|
| NCBI GI #                        | 24430149                                                                    |
| NCBI GeneID                      | 9631                                                                        |
| NCBI Accession #                 | NP_705618.1                                                                 |
| NCBI GenBank Nucleotide #        | NM_153485.2                                                                 |
| Molecular Weight                 | 149,016 Da                                                                  |
| NCBI Official Full Name          | nuclear pore complex protein Nup155 isoform 1                               |
| NCBI Official Synonym Full Names | nucleoporin 155kDa                                                          |
| NCBI Official Symbol             | NUP155                                                                      |
| NCBI Official Synonym Symbols    | N155; ATFB15                                                                |
| NCBI Protein Information         | nuclear pore complex protein Nup155; nucleoporin 155kD; 155 kDa nucleoporin |
| UniProt Protein Name             | Nuclear pore complex protein Nup155                                         |
| UniProt Gene Name                | <b>NUP155</b>                                                               |
| UniProt Synonym Gene Names       | KIAA0791                                                                    |
| UniProt Entry Name               | NU155_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.