

Rabbit Nucleoporin 85kDa ELISA Kit | NUP85 elisa kit

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CATALOG #
AAA86068

REACTIVITY
Rabbit

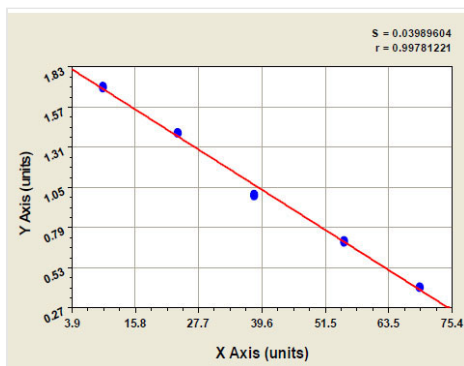
PRODUCT SYNONYMS

Nucleoporin 85kDa; Rabbit Nucleoporin 85kDa ELISA Kit; NUP85 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 NUP85 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit NUP85. 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 NUP85 elisa kit

Principle of the assay: NUP85 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NUP85 antibody and an NUP85-HRP conjugate. The assay sample and buffer are incubated together with NUP85-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 NUP85 concentration since NUP85 from samples and NUP85-HRP conjugate compete for the anti-NUP85 antibody binding site. Since the number of sites is limited, as more sites are occupied by NUP85 from the sample, fewer sites are left to bind NUP85-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NUP85 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376259
NCBI GeneID	79902
NCBI Accession #	NP_079120.1
NCBI GenBank Nucleotide #	NM_024844.3
Molecular Weight	75,019 Da
NCBI Official Full Name	nuclear pore complex protein Nup85
NCBI Official Synonym Full Names	nucleoporin 85kDa
NCBI Official Symbol	NUP85
NCBI Official Synonym Symbols	Nup75
NCBI Protein Information	nuclear pore complex protein Nup85; frount; pericentrin-1; nucleoporin Nup75; nucleoporin Nup85; 85 kDa nucleoporin
UniProt Protein Name	Nuclear pore complex protein Nup85
UniProt Gene Name	NUP85
UniProt Synonym Gene Names	NUP75; PCNT1
UniProt Entry Name	NUP85_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.