

Human Nucleoporin 62kDa (NUP62) ELISA Kit | NUP62 elisa kit

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CATALOG #
AAA137086

REACTIVITY
Human

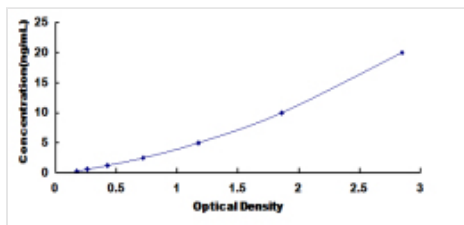
PRODUCT SYNONYMS

Nucleoporin 62kDa (NUP62); Human Nucleoporin 62kDa (NUP62) ELISA Kit; IBSN; p62; SNDI; Nuclear Pore Glycoprotein p62; NUP62 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Nucleoporin 62kDa (NUP62). No significant cross-reactivity or interference between Nucleoporin 62kDa (NUP62) and analogues was observed.
Sequence Length	522
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.056ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Nucleoporin 62kDa (NUP62) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Nucleoporin 62kDa (NUP62) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NUP62 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Nucleoporin 62kDa (NUP62). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Nucleoporin 62kDa (NUP62). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Nucleoporin 62kDa (NUP62), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Nucleoporin 62kDa (NUP62) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for NUP62 elisa kit	Signal transduction; Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	71681863
NCBI GeneID	23636
UniProt Accession #	P37198; Q503A4; Q6GTM2; Q96C43; Q9NSL1; B3KWU5
Molecular Weight	53,255 Da
NCBI Official Full Name	Nucleoporin 62kDa
NCBI Official Synonym Full Names	nucleoporin 62kDa
NCBI Official Symbol	NUP62
NCBI Official Synonym Symbols	p62; IBSN; SNDI
NCBI Protein Information	nuclear pore glycoprotein p62
UniProt Protein Name	Nuclear pore glycoprotein p62
UniProt Gene Name	NUP62
UniProt Entry Name	NUP62_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.