

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

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CATALOG #
AAA63849

REACTIVITY
Human

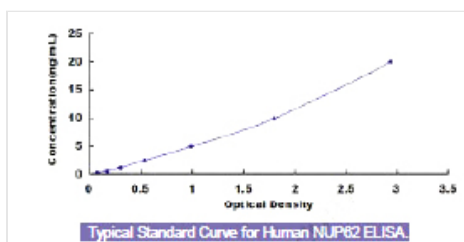
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NUP62. No significant cross-reactivity or interference between NUP62 and analogues was observed.
Sequence Length	522
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.112ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NUP62 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NUP62 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NUP62 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NUP62 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NUP62. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 NUP62 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	301069416
NCBI GeneID	23636
NCBI Accession #	NP_001180286.1
NCBI GenBank Nucleotide #	NM_001193357.1
UniProt Accession #	P37198; Q503A4; Q6GTM2; Q96C43; Q9NSL1; B3KWU5
Molecular Weight	53,255 Da
NCBI Official Full Name	nuclear pore glycoprotein p62
NCBI Official Synonym Full Names	nucleoporin 62
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

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/nucleoporin-62kda-nup62/63849>