

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

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CATALOG #
AAA277770

REACTIVITY
Rat

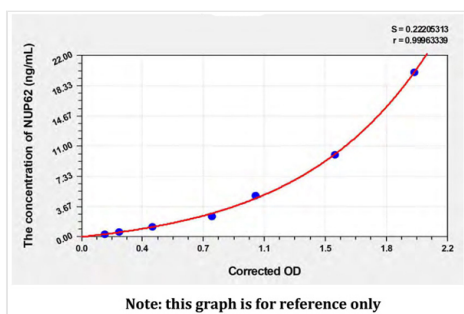
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat NUP62. No significant cross-reactivity or interference between Rat NUP62 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.32-20 ng/mL
Sensitivity	0.14 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NUP62 elisa kit

Principle of the Assay: 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 Rat NUP62. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat NUP62 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71894951
NCBI GeneID	65274
NCBI Accession #	NP_075586.1
NCBI GenBank Nucleotide #	NM_023098.2
UniProt Accession #	P17955; A2VCW0
Molecular Weight	53,397 Da
NCBI Official Full Name	nuclear pore glycoprotein p62
NCBI Official Synonym Full Names	nucleoporin 62
NCBI Official Symbol	Nup62
NCBI Official Synonym Symbols	Np62
NCBI Protein Information	nuclear pore glycoprotein p62; nucleoporin Nup62; 62 kDa nucleoporin; nuclear pore glycoprotein 62
UniProt Protein Name	Nuclear pore glycoprotein p62
UniProt Gene Name	Nup62
UniProt Entry Name	NUP62_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/nup62-nucleoporin-62kda/277770>