

Sheep Nucleoporin 133kDa ELISA Kit | NUP133 elisa kit

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CATALOG #
AAA96336

REACTIVITY
Sheep

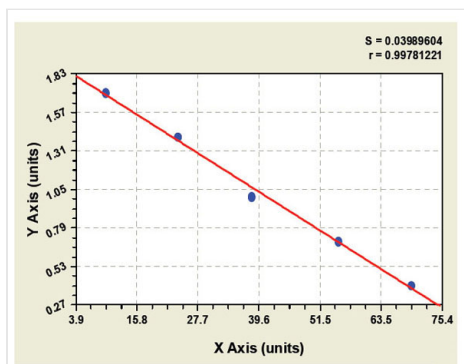
PRODUCT SYNONYMS

Nucleoporin 133kDa; Sheep Nucleoporin 133kDa ELISA Kit; NUP133 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This NUP133 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep NUP133. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NUP133 elisa kit	Principle of the Assay: NUP133 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NUP133 antibody and an NUP133-HRP conjugate. The assay sample and buffer are incubated together with NUP133-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 NUP133 concentration since NUP133 from samples and NUP133-HRP conjugate compete for the anti-NUP133 antibody binding site. Since the number of sites is limited, as more sites are occupied by NUP133 from the sample, fewer sites are left to bind NUP133-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NUP133 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for NUP133 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	486563
UniProt Accession #	P36161; D6VXE2
Molecular Weight	133,321 Da
NCBI Official Full Name	NUP133
UniProt Protein Name	Nucleoporin NUP133
UniProt Gene Name	NUP133
UniProt Synonym Gene Names	RAT3; YKR082W; YKR402
UniProt Entry Name	NU133_YEAST

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/nup133-sheep-elisa-kits/nucleoporin-133kda/96336>