

Monkey Nucleoporin 214kDa ELISA Kit | NUP214 elisa kit

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CATALOG #
AAA94430

REACTIVITY
Monkey

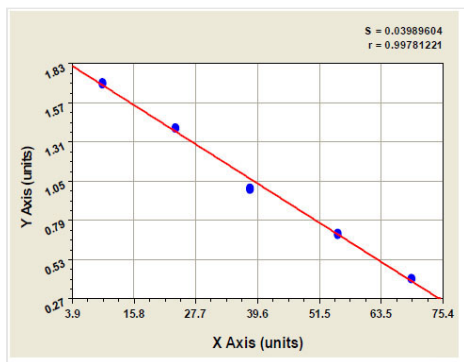
PRODUCT SYNONYMS

Nucleoporin 214kDa; Monkey Nucleoporin 214kDa ELISA Kit; NUP214 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This NUP214 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey NUP214. 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 NUP214 elisa kit

Principle of the assay: NUP214 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NUP214 antibody and an NUP214-HRP conjugate. The assay sample and buffer are incubated together with NUP214-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 NUP214 concentration since NUP214 from samples and NUP214-HRP conjugate compete for the anti-NUP214 antibody binding site. Since the number of sites is limited, as more sites are occupied by NUP214 from the sample, fewer sites are left to bind NUP214-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NUP214 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	33946327
NCBI GeneID	8021
NCBI Accession #	NP_005076.3
NCBI GenBank Nucleotide #	NM_005085.3
Molecular Weight	215,401 Da
NCBI Official Full Name	nuclear pore complex protein Nup214
NCBI Official Synonym Full Names	nucleoporin 214kDa
NCBI Official Symbol	NUP214
NCBI Official Synonym Symbols	CAN; CAIN; N214; p250; D9S46E
NCBI Protein Information	nuclear pore complex protein Nup214; CAN protein, putative oncogene
UniProt Protein Name	Nuclear pore complex protein Nup214
UniProt Gene Name	NUP214
UniProt Synonym Gene Names	CAIN; CAN; KIAA0023
UniProt Entry Name	NU214_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.