

Canine Nucleoporin 155kDa ELISA Kit | NUP155 elisa kit

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CATALOG #
AAA94208

REACTIVITY
Canine

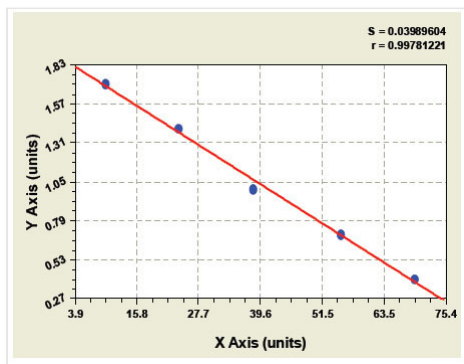
PRODUCT SYNONYMS

Nucleoporin 155kDa; Canine Nucleoporin 155kDa ELISA Kit; NUP155 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NUP155 elisa kit

Intended Uses: This NUP155 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine NUP155. This ELISA kit for research use only!

Principle of the Assay: NUP155 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NUP155 antibody and an NUP155-HRP conjugate. The assay sample and buffer are incubated together with NUP155-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 NUP155 concentration since NUP155 from samples and NUP155-HRP conjugate compete for the anti-NUP155 antibody binding site. Since the number of sites is limited, as more sites are occupied by NUP155 from the sample, fewer sites are left to bind NUP155-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NUP155 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24430149
NCBI GeneID	9631
NCBI Accession #	NP_705618.1
NCBI GenBank Nucleotide #	NM_153485.2
Molecular Weight	149,016 Da
NCBI Official Full Name	nuclear pore complex protein Nup155 isoform 1
NCBI Official Synonym Full Names	nucleoporin 155kDa
NCBI Official Symbol	NUP155
NCBI Official Synonym Symbols	N155; ATFB15
NCBI Protein Information	nuclear pore complex protein Nup155; nucleoporin 155kD; 155 kDa nucleoporin
UniProt Protein Name	Nuclear pore complex protein Nup155
UniProt Gene Name	NUP155
UniProt Synonym Gene Names	KIAA0791
UniProt Entry Name	NU155_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.