

Chicken Nucleolin ELISA Kit | NCL elisa kit

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CATALOG #
AAA247556

REACTIVITY
Chicken

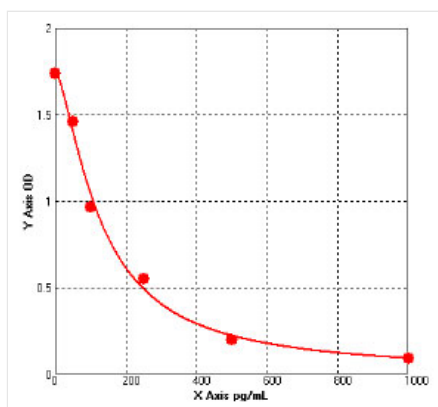
PRODUCT SYNONYMS

Nucleolin; Chicken Nucleolin ELISA Kit; NCL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of NCL. No significant cross-reactivity or interference between NCL and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between NCL and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	710
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NCL elisa kit	Intended Uses: This NCL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken NCL. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: NCL ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-NCL antibody and an NCL-HRP conjugate. The assay sample and buffer are incubated together with NCL-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 NCL concentration since NCL from samples and NCL-HRP conjugate compete for the anti-NCL antibody binding site. Since the number of sites is limited, as more sites are occupied by NCL from the sample, fewer sites are left to bind NCL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NCL concentration in each sample is interpolated from this standard curve.
Product Categories/Family for NCL elisa kit	Epigenetics and Nuclear Signaling; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	55956788
NCBI GeneID	4691
NCBI Accession #	NP_005372.2
NCBI GenBank Nucleotide #	NM_005381.3
UniProt Accession #	P19338; Q53SK1; Q8NB06; Q9UCF0; Q9UDG1
Molecular Weight	76,614 Da
NCBI Official Full Name	nucleolin
NCBI Official Synonym Full Names	nucleolin
NCBI Official Symbol	NCL
NCBI Official Synonym Symbols	C23; Nsr1
NCBI Protein Information	nucleolin
UniProt Protein Name	Nucleolin
UniProt Gene Name	NCL

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.