

Human Activating Natural Killer Receptor P30 (NKp30/NCR3) ELISA Kit | NKp30/NCR3 elisa kit

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CATALOG # AAA149099	REACTIVITY Human
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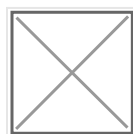
PRODUCT SYNONYMS

Activating Natural Killer Receptor P30 (NKp30/NCR3); Human Activating Natural Killer Receptor P30 (NKp30/NCR3) ELISA Kit; CD337; 1C7; LY117; NKp30; Lymphocyte Antigen 117; Activating natural killer receptor p30; Natural killer cell p30-related protein; NKp30/NCR3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NIS. No significant cross-reactivity or interference between NIS and analogues was observed.
Sequence Length	190
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	15.6-1,000pg/mL
Sensitivity	6.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NIS were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level NIS were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	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. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NKp30/NCR3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NIS in human serum, plasma, tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to NIS. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to NIS. 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 NIS, 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 NIS in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for NKp30/NCR3 elisa kit	CD & Adhesion molecule; Tumor immunity; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	224586865
NCBI GeneID	259197
NCBI Accession #	NP_001138939.1
NCBI GenBank Nucleotide #	NM_001145467.1
UniProt Accession #	O14931; O14930; O14932; O95667; O95668; O95669; Q5ST89; Q5ST90; Q5ST91; B0S8F2; B0S8F4; B0S8F5
Molecular Weight	20,640 Da
NCBI Official Full Name	natural cytotoxicity triggering receptor 3 isoform c
NCBI Official Synonym Full Names	natural cytotoxicity triggering receptor 3
NCBI Official Symbol	NCR3
NCBI Official Synonym Symbols	1C7; MALS; CD337; LY117; NKp30
NCBI Protein Information	natural cytotoxicity triggering receptor 3
UniProt Protein Name	Natural cytotoxicity triggering receptor 3
UniProt Gene Name	NCR3
UniProt Synonym Gene Names	1C7; LY117; NK-p30; NKp30

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/human-elisa-kits/activating-natural-killer-receptor-p30-nkp30-ncr3/149099>