

Human Nucleophosmin 2 (NPM2) ELISA Kit | NPM2 elisa kit

Human Nucleophosmin 2 (NPM2)(Sandwich ELISA) ELISA Kit

CATALOG #
AAA152465

REACTIVITY
Human

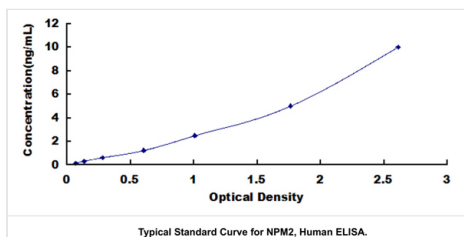
PRODUCT SYNONYMS

Nucleophosmin 2 (NPM2); Human Nucleophosmin 2 (NPM2)(Sandwich ELISA) ELISA Kit; ELISA Kit for Nucleophosmin 2 (NPM2); Nucleoplasmin 2; NPM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NPM2. No significant cross-reactivity or interference between NPM2 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.063ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NPM2 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 NPM2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf-life: one year 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 NPM2 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to NPM2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to NPM2. 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 NPM2, 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 NPM2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of NPM2 in human tissue homogenates, cell lysates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	557878650
NCBI GeneID	10361
NCBI Accession #	NP_001273609.1
NCBI GenBank Nucleotide #	NM_001286680.1
UniProt Accession #	Q86SE8; Q6NVH6; B3KSU0; D3DSQ8
Molecular Weight	15,238 Da
NCBI Official Full Name	nucleoplasmin-2 isoform 1
NCBI Official Synonym Full Names	nucleophosmin/nucleoplasmin 2
NCBI Official Symbol	NPM2
NCBI Protein Information	nucleoplasmin-2
UniProt Protein Name	Nucleoplasmin-2
UniProt Gene Name	NPM2
UniProt Entry Name	NPM2_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.