

Human NUCB1 (Nucleobindin 1) ELISA Kit | NUCB1 elisa kit

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CATALOG #
AAA277664

REACTIVITY
Human

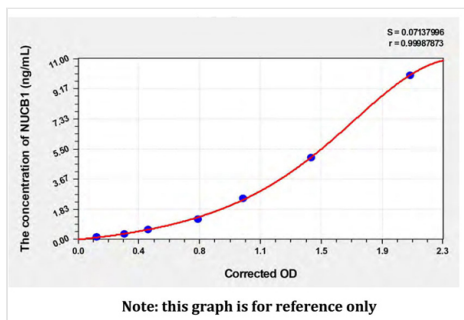
PRODUCT SYNONYMS

NUCB1 (Nucleobindin 1); Human NUCB1 (Nucleobindin 1) ELISA Kit; NUC; CALNUC; NUCB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human NUCB1. No significant cross-reactivity or interference between Human NUCB1 and analogues was observed.
Assay Type	Sandwich
Detection Range	0.16-10 ng/mL
Sensitivity	0.059 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NUCB1 elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human NUCB1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human NUCB1. 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 Human NUCB1, 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 $\pm$ 10nm. The concentration of Human NUCB1 in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	90110780
NCBI GeneID	4924
UniProt Accession #	Q02818; Q15838; Q7Z4J7; Q9BUR1; B2RD64
Molecular Weight	461
NCBI Official Full Name	Nucleobindin-1
NCBI Official Synonym Full Names	nucleobindin 1
NCBI Official Symbol	NUCB1
NCBI Official Synonym Symbols	NUC; CALNUC
NCBI Protein Information	nucleobindin-1
UniProt Protein Name	Nucleobindin-1
UniProt Gene Name	NUCB1
UniProt Synonym Gene Names	NUC
UniProt Entry Name	NUCB1_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/nucb1-nucleobindin-1/277664>