

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

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CATALOG # AAA56062	REACTIVITY Human
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PRODUCT SYNONYMS

Nucleobindin-1 (NUCB1); Human Nucleobindin-1 (NUCB1) ELISA Kit; DKFZp686A15286; FLJ40471; NUC; OTTHUMP00000201848; 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.
Sequence Length	461
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1 pg/mL - 5000 pg/mL
Sensitivity	39 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for NUCB1 elisa kit	Intended Uses: For the quantitative detection of Human Nucleobindin-1 (NUCB1) concentration in serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate NUCB1 in Human serum, plasma, tissue homogenates. An antibody specific for NUCB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NUCB1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NUCB1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NUCB1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20070228
NCBI GeneID	4924
NCBI Accession #	NP_006175.2
NCBI GenBank Nucleotide #	NM_006184.5

UniProt Accession #	Q02818; Q15838; Q7Z4J7; Q9BUR1; B2RD64
Molecular Weight	53,879 Da
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

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://www.aaabiotech.com/human-elisa-kits/nucleobindin-1-nucb1/56062>