

Human Non POU Domain Containing Octamer Binding Protein (NONO) ELISA Kit | NONO elisa kit

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CATALOG #
AAA129542

REACTIVITY
Human

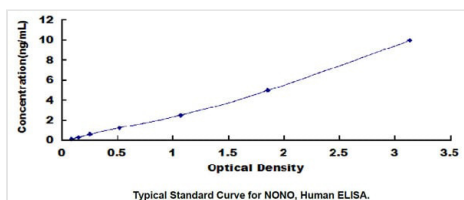
PRODUCT SYNONYMS

Non POU Domain Containing Octamer Binding Protein (NONO); Human Non POU Domain Containing Octamer Binding Protein (NONO) ELISA Kit; P54; NMT55; NRB54; P54NRB; Nuclear RNA-Binding Protein 54-kD; 54 kDa nuclear RNA- and DNA-binding protein; DNA-binding p52/p100 complex; 52 kDa subunit; NONO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NONO. No significant cross-reactivity or interference between NONO and analogues was observed.
Sequence Length	471
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NONO 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 NONO 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 NONO elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to NONO. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to NONO. 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 NONO, 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 NONO 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 NONO in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for NONO elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	224028246
NCBI GeneID	4841
NCBI Accession #	NP_001138881.1
NCBI GenBank Nucleotide #	NM_001145409.1
UniProt Accession #	Q15233; O00201; P30807; Q12786; Q9BQC5; B7Z4C2; D3DVV4; F5GYZ3
Molecular Weight	43,866 Da
NCBI Official Full Name	non-POU domain-containing octamer-binding protein isoform 1
NCBI Official Synonym Full Names	non-POU domain containing, octamer-binding
NCBI Official Symbol	NONO
NCBI Official Synonym Symbols	P54; NMT55; NRB54; P54NRB; PPP1R114
NCBI Protein Information	non-POU domain-containing octamer-binding protein
UniProt Protein Name	Non-POU domain-containing octamer-binding protein
UniProt Gene Name	NONO
UniProt Synonym Gene Names	NRB54; NonO protein; p54nrb
UniProt Entry Name	NONO_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.