

Human Neutrophil Activating Protein 2 (NAP2) RTU ELISA Kit | NAP2 rtu elisa kit

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CATALOG #
AAA219719

REACTIVITY
Human

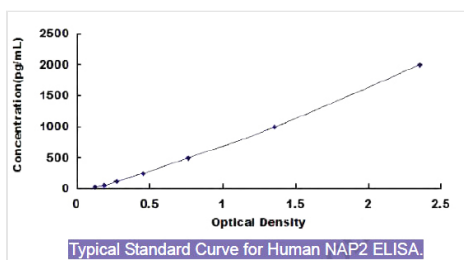
PRODUCT SYNONYMS

Neutrophil Activating Protein 2 (NAP2); Human Neutrophil Activating Protein 2 (NAP2) ELISA Kit; Nucleosome assembly protein 2; NAP-2; NAP2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of NAP2. No significant cross-reactivity or interference between NAP2 and analogues was observed.
Sequence Length	375
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.2-2000pg/mL
Sensitivity	10.1pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level NAP2 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 NAP2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAP2 rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of NAP2 in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to NAP2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to NAP2. 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 NAP2, 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 NAP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2498672
NCBI GeneID	4676
UniProt Accession #	Q99733
NCBI Official Full Name	Nucleosome assembly protein 1-like 4
NCBI Official Synonym Full Names	nucleosome assembly protein 1 like 4
NCBI Official Symbol	NAP1L4
NCBI Official Synonym Symbols	NAP2; NAP2L; hNAP2; NAP1L4b
NCBI Protein Information	nucleosome assembly protein 1-like 4
UniProt Protein Name	Nucleosome assembly protein 1-like 4
UniProt Gene Name	NAP1L4
UniProt Synonym Gene Names	NAP2; NAP-2
UniProt Entry Name	NP1L4_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.