

Human Neutrophil Alkaline Phosphatase ELISA Kit | NAP elisa kit

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CATALOG #
AAA85754

REACTIVITY
Human

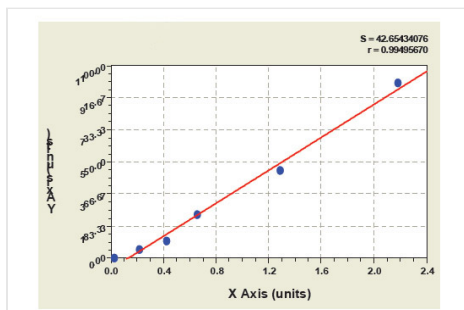
PRODUCT SYNONYMS

Neutrophil Alkaline Phosphatase; Human Neutrophil Alkaline Phosphatase ELISA Kit; NAP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This NAP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human NAP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAP elisa kit

Principle of the Assay: NAP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for NAP. Standards or samples are then added to the microtiter plate wells and NAP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of NAP present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for NAP are added to each well to "sandwich" the NAP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain NAP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NAP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	189067
NCBI GeneID	4673
Molecular Weight	42,762 Da
NCBI Official Full Name	NAP
NCBI Official Synonym Full Names	nucleosome assembly protein 1-like 1
NCBI Official Symbol	NAP1L1
NCBI Official Synonym Symbols	NRP; NAP1; NAP1L
NCBI Protein Information	nucleosome assembly protein 1-like 1; hNRP; NAP-1 related protein; NAP-1-related protein; HSP22-like protein interacting protein
UniProt Protein Name	Nucleosome assembly protein 1-like 1
UniProt Gene Name	NAP1L1
UniProt Synonym Gene Names	NRP; hNRP
UniProt Entry Name	NP1L1_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/nap-human-elisa-kits/neutrophil-alkaline-phosphatase/85754>