

Goat Neutrophil Alkaline Phosphatase ELISA Kit | NAP elisa kit

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CATALOG #
AAA89839

REACTIVITY
Goat

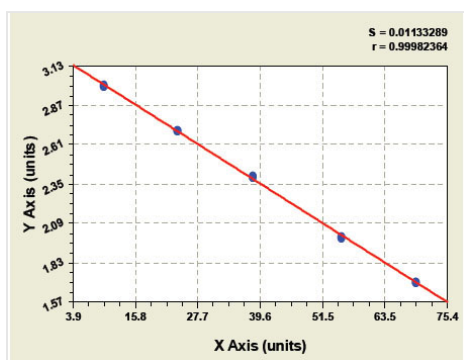
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAP elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This NAP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat NAP. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY NAP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NAP antibody and an NAP-HRP conjugate. The assay sample and buffer are incubated together with NAP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NAP concentration since NAP from samples and NAP-HRP conjugate compete for the anti-NAP antibody binding site. Since the number of sites is limited, as more sites are occupied by NAP from the sample, fewer sites are left to bind NAP-HRP conjugate. 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
UniProt Accession #	P55209; Q9H2B0
Molecular Weight	45,374 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-goat-elisa-kits/neutrophil-alkaline-phosphatase/89839>