

Human beta soluble NSF attachment protein (NAPB) ELISA Kit | NAPB elisa kit

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CATALOG #
AAA245852

REACTIVITY
Human

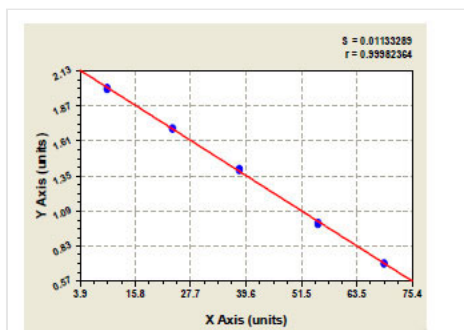
PRODUCT SYNONYMS

beta soluble NSF attachment protein (NAPB); Human beta soluble NSF attachment protein (NAPB) ELISA Kit; Human b soluble NSF attachment protein (NAPB) ELISA Kit; NAPB elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NAPB elisa kit

Intended Uses: This NAPB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human NAPB. This ELISA kit for research use only!

Principle of the Assay||NAPB ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-NAPB antibody and an NAPB-HRP conjugate. The assay sample and buffer are incubated together with NAPB-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 NAPB concentration since NAPB from samples and NAPB-HRP conjugate compete for the anti-NAPB antibody binding site. Since the number of sites is limited, as more sites are occupied by NAPB from the sample, fewer sites are left to bind NAPB-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NAPB concentration in each sample is interpolated from this standard curve.

Product Categories/Family for NAPB elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	545688329
NCBI GeneID	63908
NCBI Accession #	NP_001269947.1
NCBI GenBank Nucleotide #	NM_001283018.1
Molecular Weight	23,403 Da
NCBI Official Full Name	beta-soluble NSF attachment protein isoform a
NCBI Official Synonym Full Names	N-ethylmaleimide-sensitive factor attachment protein, beta
NCBI Official Symbol	NAPB
NCBI Official Synonym Symbols	SNAPB; SNAP-BETA
NCBI Protein Information	beta-soluble NSF attachment protein
UniProt Protein Name	Beta-soluble NSF attachment protein
UniProt Gene Name	NAPB
UniProt Synonym Gene Names	SNAPB; SNAP-beta
UniProt Entry Name	SNAB_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://www.aaabiotech.com/human-elisa-kits/beta-soluble-nsf-attachment-protein-napb/245852>