

Human Nuclear Autoantigenic Sperm Protein (NASP) ELISA Kit | NASP elisa kit

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CATALOG #
AAA331538

REACTIVITY
Human

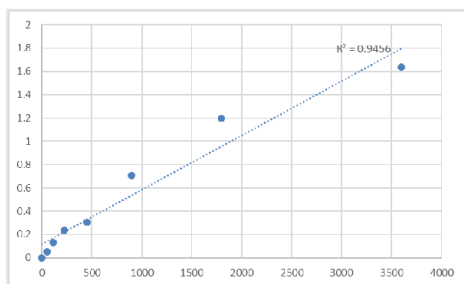
PRODUCT SYNONYMS

Nuclear Autoantigenic Sperm Protein (NASP); Human Nuclear Autoantigenic Sperm Protein (NASP) ELISA Kit; NASP; RP4-697E16.3; DKFZp547F162; FLB7527; FLJ31599; FLJ35510; MGC19722; MGC20372; MGC2297; PRO1999; N1/N2-like; histone H1-binding protein; nuclear autoantigenic sperm protein; NASP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Nuclear autoantigenic sperm protein (NASP) ELISA Kit has high sensitivity and excellent specificity for detection of Human NASP. No significant cross-reactivity or interference between Human NASP and analogues was observed.
Sequence Length	788
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Nuclear autoantigenic sperm protein (NASP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NASP elisa kit	Description: This Human Nuclear autoantigenic sperm protein (NASP) ELISA Kit employs a two-site sandwich ELISA to quantitate NASP in samples. An antibody specific for NASP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NASP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NASP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of NASP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: NASP encodes a H1 histone binding protein that is involved in transporting histones into the nucleus of dividing cells. Multiple isoforms are encoded by transcript variants of this gene. The somatic form is expressed in all mitotic cells, is localized to the nucleus, and is coupled to the cell cycle. The testicular form is expressed in embryonic tissues, tumor cells, and the testis. In male germ cells, this protein is localized to the cytoplasm of primary spermatocytes, the nucleus of spermatids, and the periacrosomal region of mature spermatozoa.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23503077
NCBI GeneID	4678
UniProt Accession #	P49321
NCBI Official Full Name	Nuclear autoantigenic sperm protein
NCBI Official Synonym Full Names	nuclear autoantigenic sperm protein
NCBI Official Symbol	NASP
NCBI Official Synonym Symbols	HMDRA1; FLB7527; PRO1999
NCBI Protein Information	nuclear autoantigenic sperm protein
UniProt Protein Name	Nuclear autoantigenic sperm protein
UniProt Gene Name	NASP
UniProt Synonym Gene Names	NASP
UniProt Entry Name	NASP_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/human-elisa-kits/nuclear-autoantigenic-sperm-protein-nasp/331538>