

Human Putative Homeobox Protein NANOGP8 (NANOGP8) ELISA Kit | NANOGP8 elisa kit

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CATALOG #
AAA331544

REACTIVITY
Human

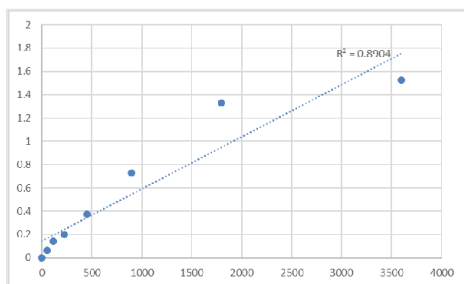
PRODUCT SYNONYMS

Putative Homeobox Protein NANOGP8 (NANOGP8); Human Putative Homeobox Protein NANOGP8 (NANOGP8) ELISA Kit; NANOGP8; MGC119250; NANOG; NANOGP1; PN8; NANOGP8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Putative homeobox protein NANOGP8 (NANOGP8) ELISA Kit has high sensitivity and excellent specificity for detection of Human NANOGP8. No significant cross-reactivity or interference between Human NANOGP8 and analogues was observed.
Sequence Length	305
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 Putative homeobox protein NANOGP8 (NANOGP8) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NANOGP8 elisa kit	Description: This Human Putative homeobox protein NANOGP8 (NANOGP8) ELISA Kit employs a two-site sandwich ELISA to quantitate NANOGP8 in samples. An antibody specific for NANOGP8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NANOGP8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NANOGP8 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 NANOGP8 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: This locus is a processed pseudogene of the transcription factor NANOG. NANOG plays a central role in regulating self-renewal in pluripotent stem cells and tumor cells. This pseudogene contains an intact open reading frame that could potentially encode a protein similar to NANOG. Although there is no evidence of transcription from this pseudogene, RT-PCR studies suggest that NANOGP8 may be expressed in some cancer cell lines. In vitro studies using a recombinant NANOGP8 protein have shown that the protein localizes to the nucleus and can promote cell proliferation, similar to NANOG.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74762336
UniProt Accession #	Q6NSW7
NCBI Official Full Name	Putative homeobox protein NANOGP8
UniProt Protein Name	Putative homeobox protein NANOGP8
UniProt Gene Name	NANOGP8
UniProt Entry Name	NANP8_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/putative-homeobox-protein-nanogp8-nanogp8/331544>