

Human Homeobox protein NANOG ELISA Kit | NANOG elisa kit

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CATALOG #
AAA100590

REACTIVITY
Human

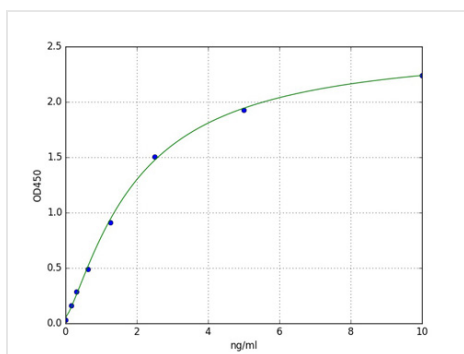
PRODUCT SYNONYMS

Homeobox protein NANOG; Human Homeobox protein NANOG ELISA Kit; NANOG (Homeobox protein NANOG)/hNanog/Homeobox transcription factor Nanog/homeobox transcription factor Nanog-delta 48/Nanog homeobox; NANOG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	289
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Human NANOG ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.001	0.129	0.195	0.331	0.628	0.921	1.702	2.218

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NANOG elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human NANOG antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human NANOG antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human NANOG amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human NANOG can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	663071050
NCBI GeneID	79923
NCBI Accession #	NP_001284627.1
NCBI GenBank Nucleotide #	NM_001297698.1
Molecular Weight	32,838 Da
NCBI Official Full Name	homeobox protein NANOG isoform 2
NCBI Official Synonym Full Names	Nanog homeobox
NCBI Official Symbol	NANOG
NCBI Protein Information	homeobox protein NANOG
UniProt Protein Name	Homeobox protein NANOG
UniProt Gene Name	NANOG
UniProt Synonym Gene Names	hNanog
UniProt Entry Name	NANOG_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/homeobox-protein-nanog/100590>