

Human Nodal homolog ELISA Kit | NODAL elisa kit

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CATALOG #
AAA99525

REACTIVITY
Human

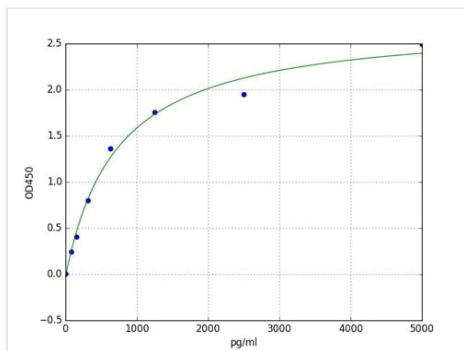
PRODUCT SYNONYMS

Nodal homolog; Human Nodal homolog ELISA Kit; NODAL/Nodal homolog; NODAL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	347
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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



Typical Data & Standard Curve

Results of a typical standard run of a NODAL 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	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.009	0.058	0.116	0.186	0.450	0.937	1.803	2.631

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NODAL elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-NODAL antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-NODAL 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 NODAL amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of NODAL can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

222352098

NCBI GeneID	4838
NCBI Accession #	NP_060525.3
NCBI GenBank Nucleotide #	NM_018055.4
Molecular Weight	39,561 Da
NCBI Official Full Name	nodal homolog
NCBI Official Synonym Full Names	nodal growth differentiation factor
NCBI Official Symbol	NODAL
NCBI Official Synonym Symbols	HTX5
NCBI Protein Information	nodal homolog
UniProt Protein Name	Nodal homolog
UniProt Gene Name	NODAL
UniProt Entry Name	NODAL_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/nodal-homolog/99525>