

Human nodal homolog (mouse) ELISA Kit | NODAL elisa kit

Human Nodal homolog, NODAL ELISA Kit

CATALOG #
AAA112507

REACTIVITY
Human

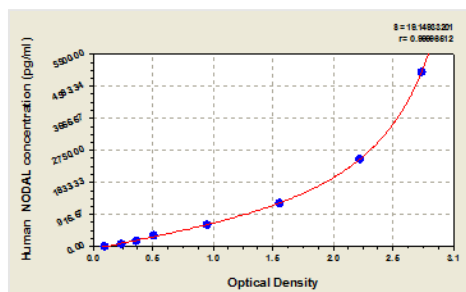
PRODUCT SYNONYMS

nodal homolog (mouse); Human Nodal homolog; NODAL ELISA Kit; Human Nodal homolog (NODAL) ELISA kit; MGC138230; nodal; NODAL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human NODAL. No significant cross-reactivity or interference between human NODAL and analogues was observed.
Sequence Length	347
Samples	Serum, plasma, tissue homogenates
Detection Range	78 pg/ml -5000 pg/mL
Sensitivity	<19.5 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NODAL elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for NODAL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NODAL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NODAL is added to the wells. After washing, avidin 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 NODAL bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	222352098
NCBI GeneID	4838
NCBI Accession #	NP_060525.3
NCBI GenBank Nucleotide #	NM_018055.4
UniProt Accession #	Q96S42; Q2M3A5; Q8N4V3
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-mouse/112507>