

Mouse Inhibin A (INHA) CLIA Kit | INHA clia kit

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CATALOG #
AAA149035

REACTIVITY
Mouse

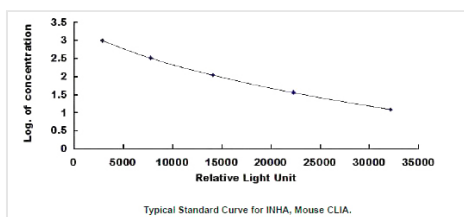
PRODUCT SYNONYMS

Inhibin A (INHA); Mouse Inhibin A (INHA) CLIA Kit; INH-A; INHA clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of GnRH. No significant cross-reactivity or interference between GnRH and analogues was observed.
Sequence Length	366
Assay Type	Competitive Inhibition
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	12.35-1,000pg/mL
Sensitivity	5.11pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GnRH were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GnRH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INHA clia kit	Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of GnRH in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with An antibody specific to GnRH. A competitive inhibition reaction is launched between biotin labeled GnRH and unlabeled GnRH (Standards or samples) with the pre-coated antibody specific to GnRH. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of GnRH in the sample. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is reverse proportional to the GnRH level in the sample or standard.
Product Categories/Family for INHA clia kit	Endocrinology; Reproductive science; Hormone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254367
NCBI GeneID	16322
NCBI Accession #	NP_034694.3
NCBI GenBank Nucleotide #	NM_010564.5
UniProt Accession #	Q04997; Q6GTG7
Molecular Weight	39,550 Da
NCBI Official Full Name	inhibin alpha chain isoform 1 preproprotein
NCBI Official Synonym Full Names	inhibin alpha
NCBI Official Symbol	Inha
NCBI Official Synonym Symbols	AW555078
NCBI Protein Information	inhibin alpha chain
UniProt Protein Name	Inhibin alpha chain
UniProt Gene Name	Inha

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/mouse-clia-kits/inhibin-a-inha/149035>