

Mouse Gonadotropin Releasing Hormone (GnRH) ELISA Kit | GnRH elisa kit

Mouse Anti-Gonadotropin Releasing Hormone Antibody (Anti-GnRH) ELISA Kit

CATALOG # AAA188365	REACTIVITY Mouse	APPLICATIONS ELISA
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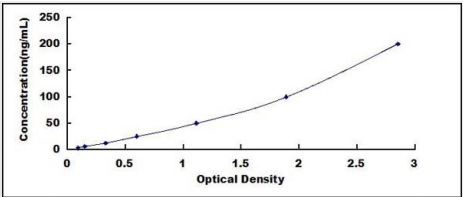
PRODUCT SYNONYMS

Gonadotropin Releasing Hormone (GnRH); Mouse Anti-Gonadotropin Releasing Hormone Antibody (Anti-GnRH) ELISA Kit; Gonadotropin Releasing Hormone; GNRH1; GRH; LNRH; LHRH; LH-RH I; Luliberin; Luteinizing-Hormone Releasing Hormone; Progonadoliberein-1; Gonadoliberein I; Gonadorelin; GnRH-associated peptide 1; GnRH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-Gonadotropin Releasing Hormone Antibody (Anti-GnRH). No significant cross-reactivity or interference between Anti-Gonadotropin Releasing Hormone Antibody (Anti-GnRH) and analogues was observed.
Sequence Length	140
Assay Type	Competitive Inhibition
Samples	Serum, plasma and other biological fluids
Detection Range	3.12-200ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 1.17ng/mL
Applicable Applications for GnRH elisa kit	ELISA
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Anti-Gonadotropin Releasing Hormone Antibody (Anti-GnRH) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Anti-Gonadotropin Releasing Hormone Antibody (Anti-GnRH) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated secondary antibody. After TMB substrate solution is added, those wells that contain Anti-Gonadotropin Releasing Hormone Antibody (Anti-GnRH) will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Anti-Gonadotropin Releasing Hormone Antibody (Anti-GnRH) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	59894790
NCBI GeneID	17242
NCBI Accession #	NP_001012335.1
NCBI GenBank Nucleotide #	NP_001012335.1
UniProt Accession #	P12025
NCBI Official Full Name	midkine isoform a
NCBI Official Synonym Full Names	midkine
NCBI Official Symbol	Mdk
NCBI Official Synonym Symbols	MK; Mek
NCBI Protein Information	midkine
UniProt Protein Name	Midkine
UniProt Gene Name	Mdk
UniProt Synonym Gene Names	Mk; MK
UniProt Entry Name	MK_MOUSE

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://www.aaabiotech.com/mouse-elisa-kits/gonadotropin-releasing-hormone-gnrh/188365>