

Mouse Inhibin ELISA Kit | INH elisa kit

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CATALOG #
AAA85002

REACTIVITY
Mouse

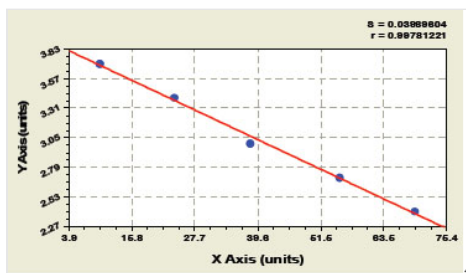
PRODUCT SYNONYMS

Inhibin; Mouse Inhibin ELISA Kit; INH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This INH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse INH. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INH elisa kit

Principle of the Assay: INH ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-INH antibody and an INH-HRP conjugate. The assay sample and buffer are incubated together with INH-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the INH concentration since INH from samples and INH-HRP conjugate compete for the anti-INH antibody binding site. Since the number of sites is limited, as more sites are occupied by INH from the sample, fewer sites are left to bind INH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The INH concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37651654
NCBI GeneID	2610485
NCBI Accession #	NP_932528.1
NCBI GenBank Nucleotide #	NC_005135.1
Molecular Weight	27,919 Da
NCBI Official Full Name	Inh
NCBI Official Symbol	inh
NCBI Protein Information	Inh; inhibitor of prohead protease gp21
UniProt Protein Name	Inhibitor of prohead protease gp21
UniProt Gene Name	inh
UniProt Entry Name	Q6U9C9_9CAUD

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.