

Mouse Insulin-like 3 (INSL3) ELISA Kit | INSL3 elisa kit

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CATALOG #
AAA245510

REACTIVITY
Mouse

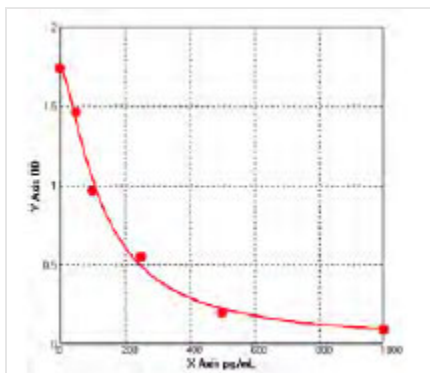
PRODUCT SYNONYMS

Insulin-like 3 (INSL3); Mouse Insulin-like 3 (INSL3) ELISA Kit; INSL3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of INSL3. No significant cross-reactivity or interference between INSL3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between INSL3 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INSL3 elisa kit	Intended Uses: This INSL3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse INSL3. This ELISA kit for research use only! Principle of the Assay: INSL3 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-INSL3 antibody and an INSL3-HRP conjugate. The assay sample and buffer are incubated together with INSL3-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 INSL3 concentration since INSL3 from samples and INSL3-HRP conjugate compete for the anti-INSL3 antibody binding site. Since the number of sites is limited, as more sites are occupied by INSL3 from the sample, fewer sites are left to bind INSL3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The INSL3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for INSL3 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373369
NCBI GeneID	3640
Molecular Weight	16,872 Da
NCBI Official Full Name	Insulin-like 3
NCBI Official Synonym Full Names	insulin-like 3 (Leydig cell)
NCBI Official Symbol	INSL3
NCBI Official Synonym Symbols	RLF; RLNL; ley-I-L
NCBI Protein Information	insulin-like 3; prepro-INSL3; relaxin-like factor b; leydig insulin-like peptide; leydig insulin -like hormone
UniProt Protein Name	Insulin-like 3
UniProt Gene Name	INSL3
UniProt Synonym Gene Names	RLF; RLNL; Ley-I-L
UniProt Entry Name	INSL3_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.