

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

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CATALOG #
AAA244823

REACTIVITY
Rabbit

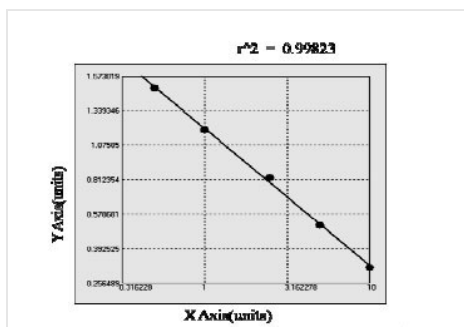
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/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 Rabbit INSL3. This ELISA kit for research use only!

Principle of the Assay||INSL3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-elisa-kits/insulin-like-3-insl3/244823>