

Mouse insulin-like 5 ELISA Kit | INSL5 elisa kit

Mouse Insulin-like peptide INSL5, INSL5 ELISA Kit

CATALOG #
AAA80940

REACTIVITY
Mouse

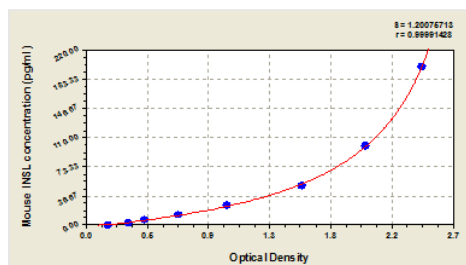
PRODUCT SYNONYMS

insulin-like 5; Mouse Insulin-like peptide INSL5; INSL5 ELISA Kit; Mouse Insulin-like peptide INSL5 (INSL5) ELISA kit; MGC126695; MGC126697; PRO182; UNQ156; insulin-like peptide 5; INSL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse INSL5. No significant cross-reactivity or interference between Mouse INSL5 and analogues was observed.
Sequence Length	145
Samples	Serum, plasma, cell culture supernates and tissue homogenates
Assay Type	Sandwich
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INSL5 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for INSL5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any INSL5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for INSL5 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of INSL5 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	594591545
NCBI GeneID	23919
NCBI Accession #	NP_001277577.1
NCBI GenBank Nucleotide #	NM_001290648.1
UniProt Accession #	Q9WUG6
Molecular Weight	15,524 Da
NCBI Official Full Name	insulin-like peptide INSL5 isoform 1
NCBI Official Synonym Full Names	insulin-like 5
NCBI Official Symbol	Insl5
NCBI Official Synonym Symbols	RIF2
NCBI Protein Information	insulin-like peptide INSL5; relaxin/insulin-like protein; relaxin/insulin-like factor 2
UniProt Protein Name	Insulin-like peptide INSL5
UniProt Gene Name	Insl5
UniProt Synonym Gene Names	Rif; Rif2; Zins3; Insulin-like peptide 5
UniProt Entry Name	INSL5_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.