

Monkey Insulin Like Protein 5 ELISA Kit | INSL5 elisa kit

Monkey Insulin Like Protein 5 ELISA Kit

CATALOG #
AAA90361

REACTIVITY
Monkey

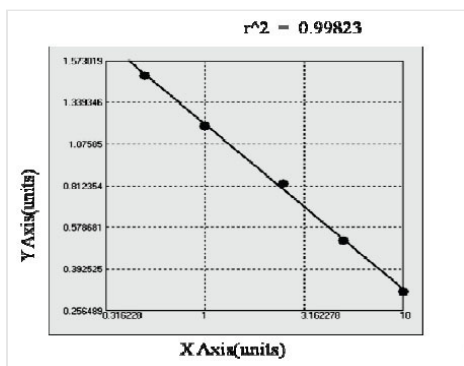
PRODUCT SYNONYMS

Insulin Like Protein 5; Monkey Insulin Like Protein 5 ELISA Kit; INSL5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for INSL5 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This INSL5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey INSL5. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY INSL5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-INSL5 antibody and an INSL5-HRP conjugate. The assay sample and buffer are incubated together with INSL5-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 INSL5 concentration since INSL5 from samples and INSL5-HRP conjugate compete for the anti-INSL5 antibody binding site. Since the number of sites is limited, as more sites are occupied by INSL5 from the sample, fewer sites are left to bind INSL5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The INSL5 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for INSL5 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	38569233
NCBI GeneID	10022
NCBI Accession #	NP_005469.2
NCBI GenBank Nucleotide #	NM_005478.4
Molecular Weight	15,333 Da
NCBI Official Full Name	insulin-like peptide INSL5
NCBI Official Synonym Full Names	insulin-like 5
NCBI Official Symbol	INSL5
NCBI Official Synonym Symbols	PRO182; UNQ156
NCBI Protein Information	insulin-like peptide INSL5; prepro-INSL5; insulin-like peptide 5
UniProt Protein Name	Insulin-like peptide INSL5
UniProt Gene Name	INSL5
UniProt Synonym Gene Names	UNQ156/PRO182; Insulin-like peptide 5
UniProt Entry Name	INSL5_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.