



Canine insulin like protein 5 (INSL6) ELISA kit

Cat. No.:	0126WXX-674
Assay Type:	Quantitative ELISA
Target Species:	Canine
Assay Target:	INSL6
Size:	48T; 96T

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	Canine insulin like protein 5 (INSL6) ELISA kit is an ELISA-based <i>in vitro</i> research tool designed specifically for the quantitative detection of INSL6 in canine samples. The kit is highly sensitive and easy to use.
Assay Principle	The ELISA analytical biochemical technique is based on INSL6 antibody-INSL6 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect INSL6 antigen targets in samples.
Background	INSL6 is a hormone belonging to the insulin family. Although its precise biological function remains incompletely understood, research indicates it plays a role in male reproductive development and exhibits a significant presence in the testes. Emerging studies suggest INSL6 may have a potential link to obesity through its involvement in metabolic regulation and reproductive health. Understanding its function could provide new insights into the systemic effects of obesity.
Synonyms	Insulin-like peptide 6; Insulin-like protein 6; RIF1; Relaxin/Insulin-Like Factor 1
Formula Weight	11,981 Da
Applications	Canine insulin like protein 5 (INSL6) ELISA kit is used to quantify INSL6 in canine samples, providing data to support research in a wide range of areas, including endocrinology, obesity, etc.
Research Area	Endocrinology; Obesity

Specification



Sample Type

Canine samples

Cross-reactivity

No significant cross-reactivity or interference was observed.

Storage

Store at 2-8°C.