

Porcine Lutropin-Choriogonadotropic Hormone Receptor (LHCGR) ELISA Kit-Sandwich

Cat. No.: EK12F746

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine Lutropin-Choriogonadotropic Hormone Receptor (LHCGR) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Lutropin-Choriogonadotropic Hormone Receptor (LHCGR) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Porcine LHCGR.
Target Species	Swine
Species Reactivity	Swine
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 270 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Lutropin-Choriogonadotropic Hormone Receptor is encoded by the *LHCGR* gene in pigs. This protein belongs to the G-protein coupled receptor 1 family. The receptor binds to Luteinizing hormone, a glycoprotein produced by the pituitary gland and placenta. It plays a crucial role in regulating steroidogenesis in the testes and ovaries. The Porcine LHCGR gene has been located on pig chromosome 3.

Target/Biomarker	Porcine LHCGR
Target Synonym	Lutropin-choriogonadotropic hormone receptor; LH/CG-R; Luteinizing hormone receptor; LSH-R; LHCGR
Gene ID	407247
UniProt ID	P16582

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.