

Sheep Lutropin Subunit Beta (LHB) ELISA Kit-Sandwich

Cat. No.: EK10F967

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Sheep LHB ELISA Kit-Sandwich is designed for the quantitative determination of Sheep LHB in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, 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 Sheep LHB.
Target Species	Ovine
Species Reactivity	Ovine
Detection Range	0.1-7 ng/mL
Sensitivity	0.01 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 180 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids; 10 µL

Target Information

Lutropin subunit beta is encoded by the *LHB* gene in sheep. Sheep lutropin beta-subunit effectively inhibited the binding of human chorionic gonadotropin (chorionic gonadotropin, gCG) to the ovary, showing that both occupy the same sites.

Target/Biomarker	Sheep LHB
Target Synonym	lutropin subunit beta; LHB; lutropin subunit beta precursor
Gene ID	443395
UniProt ID	P01231

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.