

Chicken Leptin Receptor (LEPR) ELISA Kit-Sandwich

Cat. No.: EK9F328

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Chicken LEPR ELISA Kit-Sandwich is designed for the quantitative determination of Chicken leptin receptor (LEPR) 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 Chicken LEPR.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	0.31-20 ng/mL
Sensitivity	0.06 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.

Target Information

Leptin receptor, also known as obesity receptor, is encoded by the *LEPR* gene. Leptin is a cytokine-like hormone that regulates food intake and energy homeostasis via its interaction with the leptin receptor located in the target tissues. In chickens, the LEPR expressed in tissues is capable of binding endogenous ligand as well as exogenous mammalian leptin, leading to physiological actions.

Target/Biomarker	Chicken LEPR
Target Synonym	leptin receptor; LPR
Gene ID	374223
UniProt ID	Q9I8V6

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.