

Rabbit Insulin Like Growth Factor 1 Receptor (IGF1R) ELISA Kit-Sandwich

Cat. No.: EK3F122

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Rabbit Insulin Like Growth Factor 1 Receptor (IGF1R) ELISA Kit-Sandwich is designed for the quantitative determination of Rabbit IGF1R 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 Rabbit IGF1R
Target Species	Rabbit
Species Reactivity	Rabbit
Detection Range	125-8000 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

The insulin-like growth factor 1 (IGF-1) receptor is a transmembrane receptor activated by the hormone IGF-1 and its related hormone IGF-2. IGF1R (insulin-like growth factor 1 receptor) is a crucial receptor tyrosine kinase that mediates the effects of IGF-1, a hormone vital for growth and development. IGF1R is involved in regulating glucose metabolism and insulin sensitivity. In rabbit models, injected adipose-derived mesenchymal stem cells may aid in regenerating the rotator cuff muscle through the insulin-like growth factor 1 (IGF-1) signaling pathway.

Target/Biomarker	Rabbit IGF1R
Target Synonym	CD221; IGF1-R; IGFIR; JTK13
Gene ID	100144342

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.