

Bovine Gamma-Aminobutyric Acid Receptor Subunit Alpha-3 (GABRA3) ELISA Kit-Sandwich

Cat. No.: EK11F530

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Gamma-Aminobutyric Acid Receptor Subunit Alpha-3 (GABRA3) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Gamma-Aminobutyric Acid Receptor Subunit Alpha-3 (GABRA3) 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 Bovine GABRA3.
Target Species	Bovine
Species Reactivity	Bovine
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

Bovine Gamma-Aminobutyric Acid Receptor Subunit Alpha-3 is encoded by the *GABRA3* gene in cattle. It is an alpha subunit that forms part of the GABA-A receptors. These receptors are ligand-gated chloride channels and are activated by the major inhibitory neurotransmitter in the mammalian brain, GABA. Research has shown that Gabra3 activates the AKT pathway to promote breast cancer cell migration, invasion and metastasis.

Target/Biomarker	Bovine GABRA3
Target Synonym	gamma-aminobutyric acid type A receptor subunit alpha3; gamma-aminobutyric acid receptor subunit alpha-3; GABA(A) receptor subunit alpha-3; gamma-aminobutyric acid (GABA) A receptor, alpha 3; gamma-aminobutyric acid type A receptor alpha3 subunit
Gene ID	282237

Shipping and Storage

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

Reference

Gumireddy, K. *et al.* The mRNA-edited form of GABRA3 suppresses GABRA3-mediated Akt activation and breast cancer metastasis. *Nature communications*. 2016, 7: 10715.

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.