

Bovine Neuroglobin (NGB) ELISA Kit-Sandwich

Cat. No.: EK12F160

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Bovine Neuroglobin (NGB) ELISA Kit-Sandwich is designed for the quantitative determination of Bovine Neuroglobin (NGB) 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 NGB.
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

Neuroglobin (NGB), also known as neuronal globin, is a protein found in vertebrates that plays essential roles in cellular oxygen homeostasis and scavenging of reactive oxygen and nitrogen species. Bovine Neuroglobin is encoded by the *NGB* gene in cattle. It is a protein found in neurons of both the peripheral and central nervous system that appears to convey some resilience to hypoxia.

Target/Biomarker	Bovine NGB
Target Synonym	neuroglobin; GLNH; globin H
Gene ID	414920
UniProt ID	Q6WZ19

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

Du, X. *et al.* Expression and distribution of neuroglobin and hypoxia-inducible factor-1 α in the adult yak telencephalon. *Veterinary medicine and science*. 2021, 7: 1707-1717.

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.