

Chicken Nerve Growth Factor (NGF) ELISA Kit-Sandwich

Cat. No.: EK9F296

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Chicken NGF ELISA Kit-Sandwich is designed for the quantitative determination of Chicken NGF 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 NGF.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	16-1000 pg/mL
Sensitivity	3.1 pg/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

Nerve growth factor (NGF), also known as beta-nerve growth factor, is encoded by the *NGF* gene. It is a nerve cell growth regulator with dual biological functions of neuronal nutrition and neurite growth promotion. It plays an important role in regulating the development, differentiation, growth, regeneration and expression of functional characteristics of central and peripheral neurons. In chickens, NGF may play a role in the development of spinal cords.

Target/Biomarker	Chicken NGF
Target Synonym	nerve growth factor; NGFB; beta-NGF; beta-nerve growth factor; nerve growth factor (beta polypeptide)
Gene ID	396466

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.