

Chicken Transforming Growth Factor Beta-1 (TGFB1) ELISA Kit-Sandwich

Cat. No.: EK9F75

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Chicken TGFB1 ELISA Kit-Sandwich is designed for the quantitative determination of Chicken Transforming Growth Factor Beta 1 (TGFB1) 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 TGFB1.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	16-1000 pg/mL
Sensitivity	7.6 pg/mL
Recovery	85%-108%
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

TGFB1 is a multifunctional protein from the TGF- β superfamily. Research showed that a balance between TGFB1 and PPARG would be essential for fibrosis or adiposis induction in broilers.

Target/Biomarker	Chicken TGFB1
Target Synonym	TGF-B1; CED; DPD1; LAP; Camurati-Engelmann Disease; Latency-associated peptide
Gene ID	100873157
UniProt ID	P09531

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

Praud, C. *et al.* Molecular Phenotyping of White Striping and Wooden Breast Myopathies in Chicken. *Frontiers in physiology*. 2020, 11: 633.

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.