

Chicken Transforming Growth Factor Alpha (TGFA) ELISA Kit-Sandwich

Cat. No.: EK9F226

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Chicken TGFA ELISA Kit-Sandwich is designed for the quantitative determination of Chicken transforming growth factor alpha (TGFA) 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 TGFA.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	8-500 pg/mL
Sensitivity	1.6 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

Transforming growth factor alpha (TGF α), also known as transforming growth factor alpha, is encoded by *TGFA* in chickens. It has been shown to stimulate proliferation in both neoplastic and normal cell types acting through the epidermal growth factor (EGF) receptor. In chickens, TGF-alpha is a potent mitogen in the adipocyte precursor cells and can inhibit their differentiation *in vitro* and may participate in the regulation of adipose tissue development *in vivo*.

Target/Biomarker	Chicken TGFA
Target Synonym	transforming growth factor alpha; protransforming growth factor alpha
Gene ID	414743
UniProt ID	A0A8V0Z8D2

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.