

## Equine Transforming Growth Factor Beta 3 (TGFb3) ELISA Kit-Sandwich

**Cat. No.:** EK12F893

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Equine Transforming Growth Factor Beta 3 (TGFb3) ELISA Kit-Sandwich is designed for the quantitative determination of Equine Transforming Growth Factor Beta 3 (TGFb3) 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 Equine TGFb3.
Target Species	Equine
Species Reactivity	Equine
Detection Range	125-8000 pg/mL
Sensitivity	31 pg/mL
Recovery	80%-99%
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

Transforming Growth Factor Beta 3 is encoded by the *TGFb3* gene in horses. TGFβ-3 is a multifunctional cytokine involved in various cellular processes. It is a member of the TGFβ-superfamily and represents a typical example of a multifunctional and context-sensitively acting growth factor. It has been observed to be present during tendon tissue morphogenesis as well as to be actively involved and highly regulated during tendon healing.

Target/Biomarker	Equine TGFb3
Target Synonym	TGF-B3;LAP;Latency-associated peptide
Gene ID	<a href="#">100051765</a>

## Shipping and Storage

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

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## Reference

Roth, S. P. *et al.* Transforming Growth Factor Beta 3-Loaded Decellularized Equine Tendon Matrix for Orthopedic Tissue Engineering. *International journal of molecular sciences*. 2019, 20.

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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.