

Bovine Thyroid Stimulating Hormone (TSH) ELISA Kit-Competitive

Cat. No.: EK8F471

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Bovine Thyroid Stimulating Hormone (TSH) ELISA Kit-Competitive is designed for the quantitative determination of Bovine TSH in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Bovine TSH.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	25-15000 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Bovine thyroid stimulating hormone (TSH) has two subunits, designated TSH- α and TSH- β . TSH is a glycoprotein hormone produced by the anterior pituitary gland. It is the primary stimulus for thyroid hormone production by the thyroid gland. TSH stimulates the thyroid gland to produce and release thyroxine (T4) and triiodothyronine (T3). These thyroid hormones play essential roles in metabolism, growth, and development.

Target/Biomarker	Bovine TSH
Target Synonym	Thyrotropin

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

Liao, T.-H.; Pierce, J. G. The Presence of a Common Type of Subunit in Bovine Thyroid-stimulating and Luteinizing Hormones. *Journal of Biological Chemistry*. 1970, 245: 3275-3281.

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.