

Feline Thyroid Stimulating Hormone (TSH) ELISA Kit-Competitive

Cat. No.: EK3F473

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Feline Thyroid Stimulating Hormone (TSH) ELISA Kit-Competitive is designed for the quantitative determination of Feline 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 Feline TSH.
Target Species	Feline
Species Reactivity	Feline
Detection Range	0.8-50 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Thyroid-stimulating hormone (TSH) is produced by the pituitary gland and prompts the thyroid gland to secrete thyroxine (T4), which is subsequently converted into triiodothyronine (T3). T3 stimulates the metabolism throughout nearly all tissues in the body. In hyperthyroid cats, TSH levels are typically low. TSH detection is of great significance in the diagnosis of cat thyroid disease. For example, by measuring serum TSH levels, it can help diagnose hyperthyroidism or hypothyroidism. In addition, TSH assays can also be used to evaluate the thyroid function reserve, i.e. the pituitary ability of the response to TSH stimulation in the event of impaired thyroid function, is the ability of the pituitary gland to respond to TSH stimulation in the event of impaired thyroid function.

Target/Biomarker	Feline TSH
Target Synonym	TSH; Thyroid Stimulating Hormone; thyrotropin; Thyroid-stimulating hormone; thyrotropic hormone

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.