



Vcheck T4



For Screening of Thyroid Diseases in Canines and Felines

An in vitro diagnostic test kit for the in-clinic, quantitative measurement of T4 (thyroxine) concentration in canine serum or feline serum, Vcheck's T4 test allows for the identification of this hormone biomarker. Canine hypothyroidism is a common disease related to thyroid function in dogs, and feline hyperthyroidism is the most common endocrine disease affecting geriatric cats. Vcheck's T4 test measures the concentration level of this hormone and can be used to screen for these diseases. The prognosis of hyperthyroidism and hypothyroidism is excellent when canines and felines are diagnosed at an early stage and appropriately treated and managed.

Clinical Applications

- Screening of hypothyroidism/hyperthyroidism and treatment monitoring

Specifications

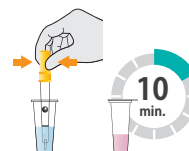
Species	Canine, Feline
Sample Type	Serum 50 μ l
Measurement	Quantitative
Range	0.5 - 8 μ g/dL
Testing Time	20 minutes
Storage Condition	2 - 8° C

Simple Testing Procedure



Dilute Sample

Use a 50 μ l pipette to draw 50 μ l of serum and add to the assay diluent tube.



Mix & Incubate

Use a tablet pipette to mix until the tablet is completely dissolved (8 times or more). Incubate the mixture at room temperature for 10 min.



Measure

Add 100 μ l of incubated sample to the sample well of the test device and press [START].

Product Name	Product Number	Product Type	Packing Unit
Vcheck T4	VCF106DD	Device	10 Tests/Kit

A Closer Look: T4

The Vcheck T4 test kit screens for T4, a major thyroid hormone that is important for normal regulation of metabolic rates and activity in various organs. When T4 concentration level is measured, it can detect hypothyroidism/hyperthyroidism in canines and felines.

Clinical Signs of Thyroid Diseases

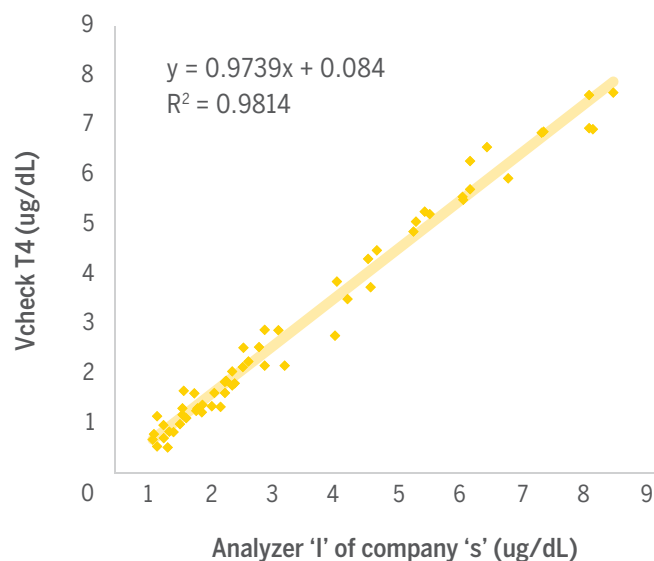
Canine Hypothyroidism	Feline Hyperthyroidism
Lethargy Mental dullness Weight gain Inactivity Weakness	Weight loss Polyphagia Polyuria/polydipsia Hyperactivity

*Internal Evaluation Data

Specific Clinical Application

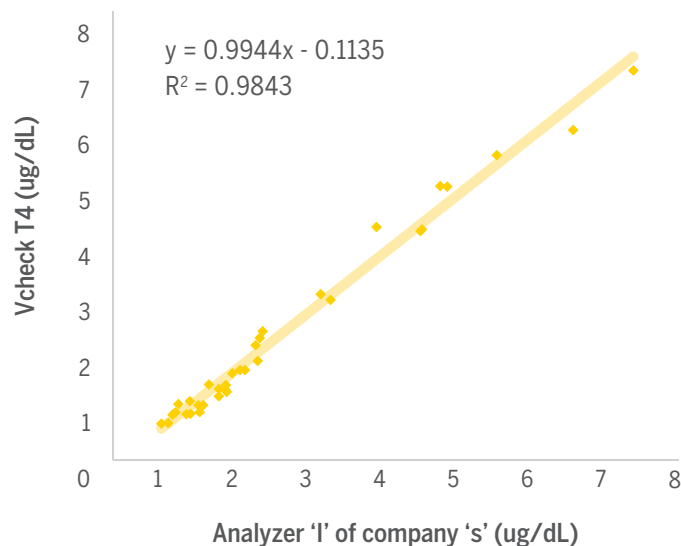
The Vcheck T4 test kit is based on the competitive immunoassay method for the quantitative measurement of T4 concentration. T4 is one of the hormones secreted by the thyroid gland and is responsible for the regulation of metabolism. The Vcheck T4 can be used to assist in the monitoring of structural or functional abnormalities of the thyroid gland.

Correlation with analyzer 'I' of company 'S'
Canine (n=58)



*Internal Evaluation Data

Correlation with analyzer 'I' of company 'S'
Feline (n=34)



*Internal Evaluation Data



For More Information on
Vcheck V200 or V2400
analyzers visit:
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800-727-5169

LEARN MORE
about the T4 test

