



CANINE/FELINE

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.

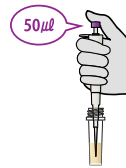
Clinical Applications

- Screening of hypothyroidism/hyperthyroidism and treatment monitoring

Specifications

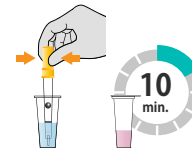
Species	Canine, Feline
Sample Type	Serum 50 µl
Measurement	Quantitative
Range	0.5 - 8 µg/dL
Testing Time	20 minutes
Storage Condition	2 - 8° C

Simple Testing Procedure



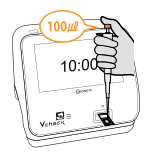
Dilute Sample

Use a 50 µl pipette to draw 50 µl 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 µl of incubated sample to the sample well of the test device and press [START].

Product Name

Vcheck T4

Product Number

VCF106DD

Product Type

Device

Packing Unit

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.

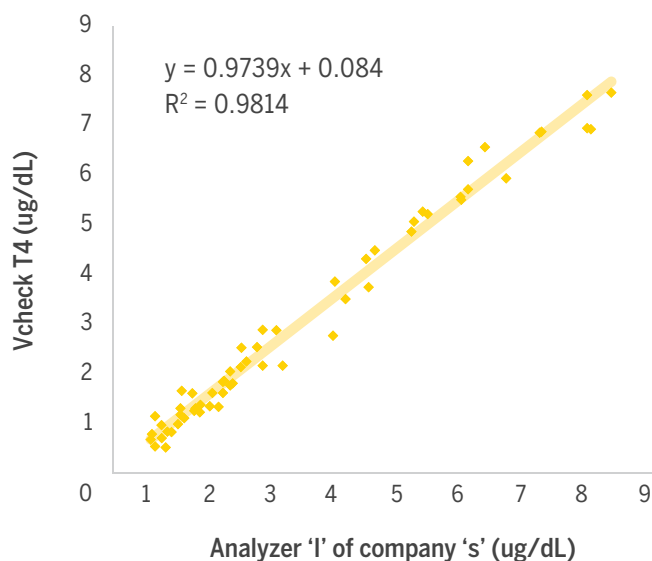
Clinical Signs of Thyroid Diseases

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

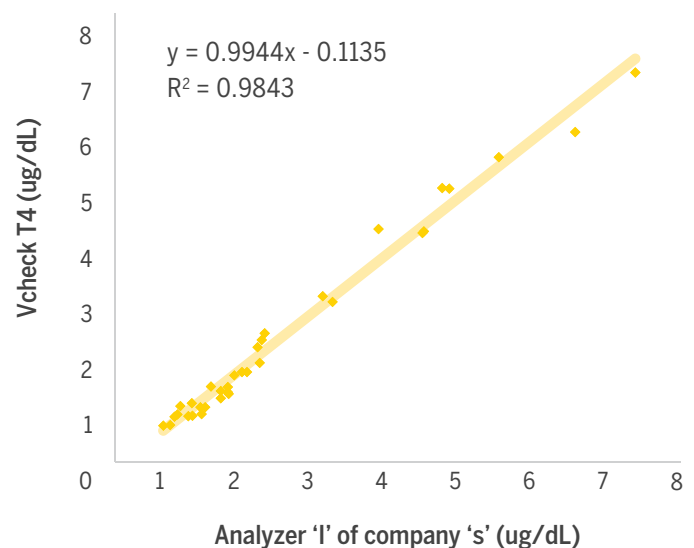
Specific Clinical Application

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)



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



For More Information:
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More From Bionote Vcheck Analyzers

All of Bionote's Vcheck biomarker tests are available for use on the Vcheck V200 and V2400 analyzers.

