

# Vcheck T4



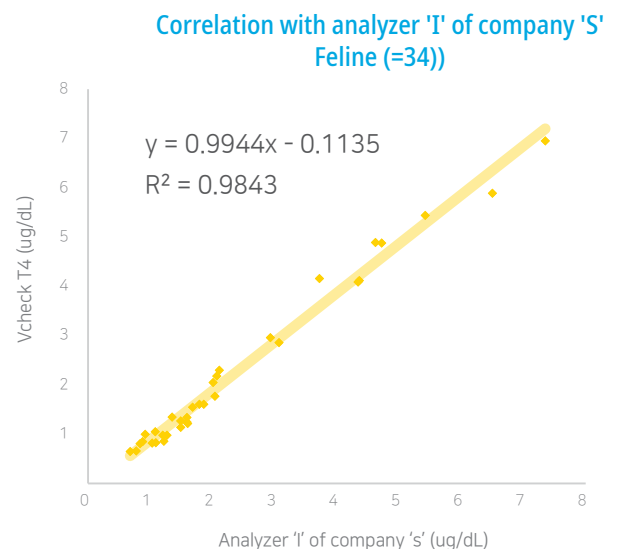
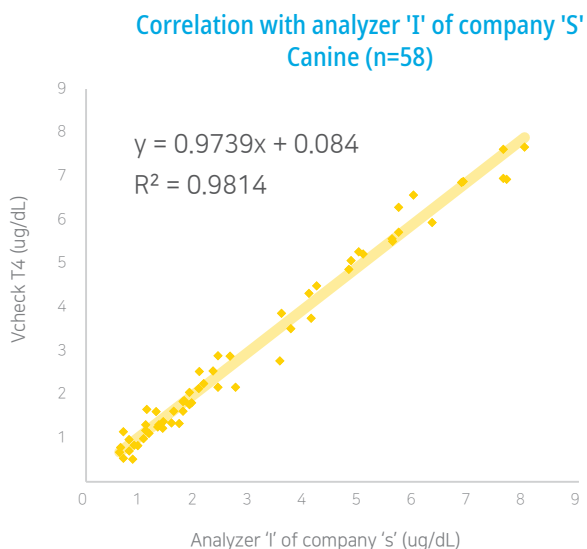
## Hormone marker for diagnosis of thyroid diseases

T4 is a major thyroid hormone and important for normal regulation of metabolic rates and activity in various organs. Canine hypothyroidism is the common disease related to thyroid function in dogs and feline hyperthyroidism is the most common endocrine disease affecting geriatric cats. T4 concentration level can be used to diagnose these diseases.

## When to measure T4 level?

- To measure total T4 is an excellent test to rule out hypothyroidism in dogs.
- Measurement of T4 concentrations has been reliable in differentiating hyperthyroid cats from those without thyroid disease
- The prognosis of hyperthyroidism and hypothyroidism is excellent as long as they are diagnosed at early stage and the patients are treated and managed appropriately.

## Evaluation data



To learn more and place your order

Minneapolis Minnesota

✉ [customerservice@bionote.com](mailto:customerservice@bionote.com) ☎ 800-727-5169

# Clinical signs of thyroid diseases

## Canine hypothyroidism

Lethargy  
Mental dullness  
Weigh gain  
Inactivity  
Weakness

## Feline Hyperthyroidism

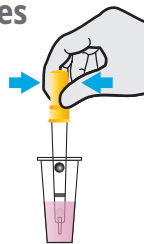
Weight loss  
Polyphagia  
Polyuria/polydipsia  
Hyperactivity

## Test procedure

**1** SAMPLE  
50µl



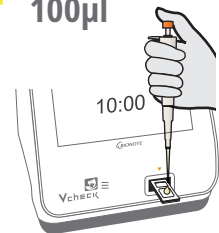
**2** MIXING  
10 times



**3** INCUBATION  
10 min.



**4** LOADING  
100µl



Dog

< 1.0 µg/dL	1.0~2.0 µg/dL	1.0~4.0 µg/dL	> 4 µg/dL	2.1~5.4 µg/dL
Low	Low normal	Normal	High	Therapeutic

Cat

< 0.8 µg/dL	0.8~4.7 µg/dL	2.3~4.7 µg/dL	> 4.7 µg/dL
Low	Normal	Gray zone	Consistent with hyperthyroidism

\* 1 µg/dL is equal to 12.87 nmol/L.

## Features



Sample  
Serum 50 µl



Measurement Range  
0.5 - 8 ug/dL



Test time  
20 minutes

## Ordering Information

Product No.	Product Name	Product Type	Packing Unit
VCF106DD	Vcheck T4	Device	10 Tests/Kit