

Vcheck T4



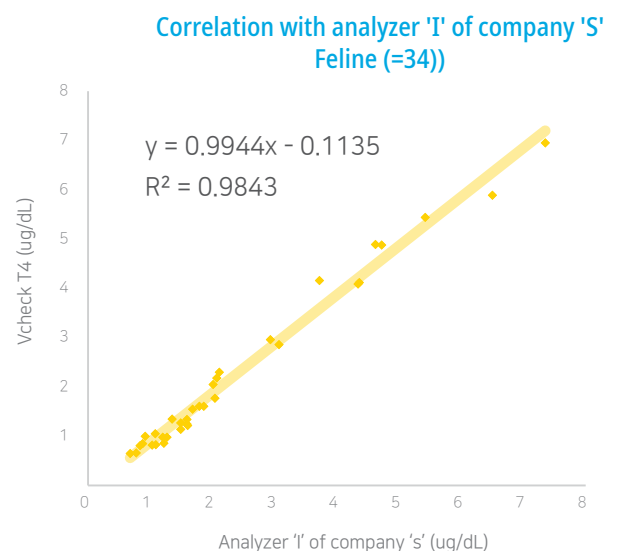
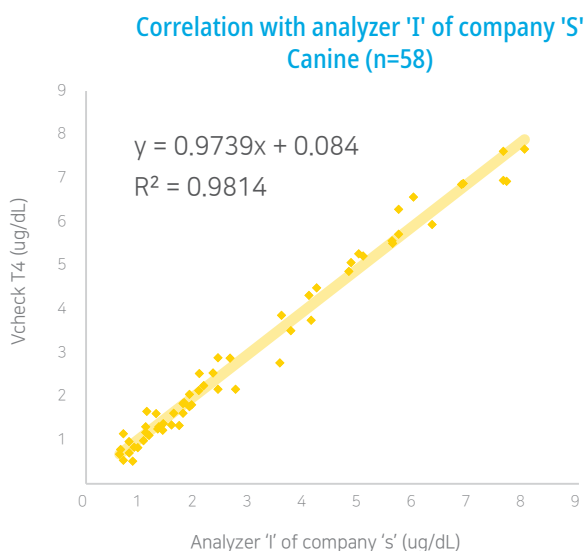
Hormone marker for diagnosis of thyroid diseases

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



Clinical signs of thyroid diseases

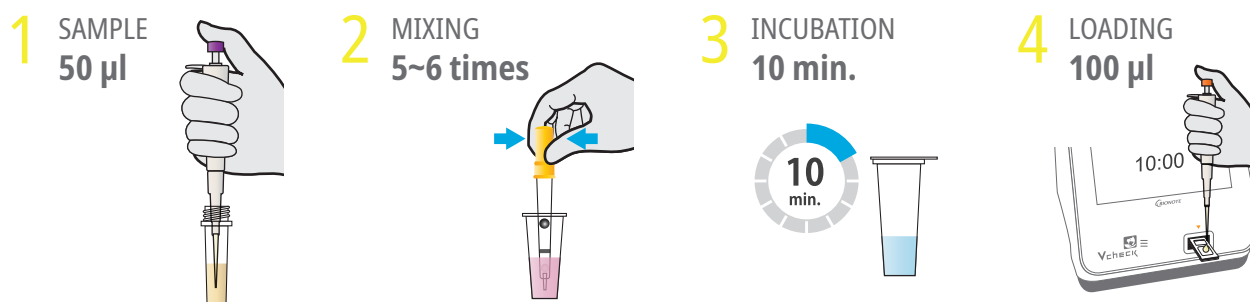
Canine hypothyroidism

Lethargy
Mental dullness
Weigh gain
Inactivity
Weakness

Feline Hyperthyroidism

Weight loss
Polyphagia
Polyuria/polydipsia
Hyperactivity

Test procedure



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