



CANINE



Vcheck Cortisol



For the Quantitative Measurement of Cortisol Concentration in Canine Serum

The Vcheck cCortisol is an in vitro diagnostic test kit for the in-clinic, quantitative measurement of cortisol concentration in canine serum, the hormone marker for Cushing's disease and Addison's disease. Cortisol is a steroid hormone in a glucocorticoid hormone group that is important in the regulation of metabolism. Cortisol is excreted in the adrenal glands in response to stress or low blood sugar concentrations. The Vcheck cCortisol can be used to assist in the monitoring of cortisol related diseases.

Clinical Applications

- To diagnose or evaluate the treatment response of hyperadrenocorticism (Cushing's disease) or hypoadrenocorticism (Addison's disease) due to elevated cortisol levels
- To provide long-term treatment monitoring with Vcheck cCortisol after the initial diagnosis of hyperadrenocorticism/hypoadrenocorticism

Specifications

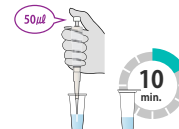
| | |
|--------------------------|--------------|
| Species | Canine |
| Sample Type | Serum 50 µl |
| Measurement | Quantitative |
| Range | 1~30 µg/dl |
| Testing Time | 20 minutes |
| Storage Condition | 2 - 8° C |

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 the same pipette to mix the sample by pipetting 5 - 6 times. Incubate the sample 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 cCortisol

Product Number

VCF105DD

Product Type

Device

Packing Unit

10 Tests/Kit

A Closer Look: cCortisol

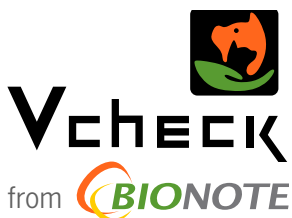
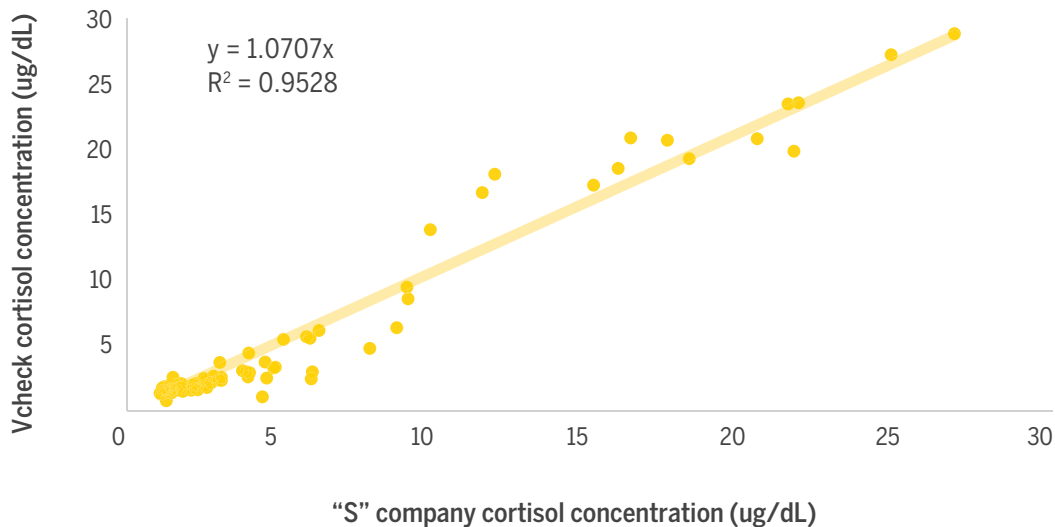
Vcheck's cCortisol test measures the hormone marker for Cushing's disease and Addison's disease. Cushing's disease is one of the most common endocrinopathies in older dogs. To help diagnose Cushing's disease, a precise cortisol level measurement is obtained through Vcheck's cCortisol test (ACTH stimulation, LDDST and HDDST). Testing is recommended upon the first clinical sign of cortisol abnormality.

Clinical Signs of Cortisol Abnormality

| Cushing's Disease | Addison's Disease |
|-------------------------------------|-------------------|
| Polyuria/polydipsia | Lethargy |
| Polyphagia | Anorexia |
| Panting | Vomiting |
| Abdominal enlargement ("Pot-belly") | Weakness |
| Endocrine alopecia | |
| Weakness | |
| Muscle wasting | |

Specific Clinical Application

The Vcheck cCortisol test kit is a fluorescent immunoassay for the quantitative measurement of canine cortisol concentration. The Vcheck cCortisol test is based on the competitive immunoassay method. The Bionote Vcheck analyzer calculates the cortisol concentration from the calibration curve data, indicating whether Cushing's disease or Addison's disease is present.



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.

