



CANINE



Vcheck NT-proBNP



Quantitative Results are at the Heart of Canine Care

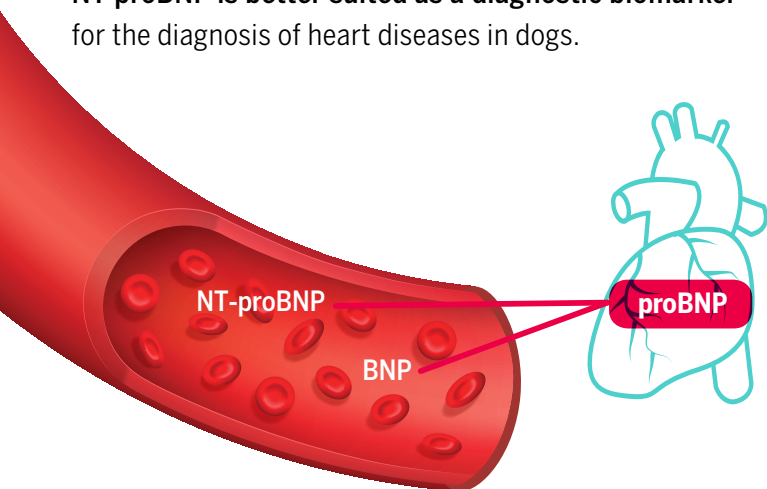
The first and only rapid, in vitro diagnostic test kit for the quantitative measurement of NT-proBNP concentration in canine serum, Vcheck's canine NT-proBNP test allows for identification of this cardiac biomarker. Pro-hormone (proBNP) is produced by cardiac muscle cells and rises due to increased myocardial wall stress. In dogs, NT-proBNP is correlated with heart size and systolic function. The test kit precisely quantifies the degree of elevation of NT-proBNP levels in dogs within minutes, allowing veterinarians to quickly prescribe decisive treatment plans related to cardiac issues **without the need for an outside reference lab.**

Clinical Applications

- Early diagnosis of heart disease in dogs
- Distinguishes cardiac from respiratory disease
- Identifies dogs at high risk of congestive heart failure
- Chronic monitoring of dogs with MMVD

A Closer Look: NT-proBNP

The pro-hormone (proBNP) is produced by the cardiac muscle cells and rises due to increased myocardial wall stress. Upon release in the blood, it is cleaved into BNP and NT-proBNP. Due to its longer half-life and stability, **NT-proBNP is better suited as a diagnostic biomarker** for the diagnosis of heart diseases in dogs.



Specifications

Species	Canine
Sample Type	Serum 100 µl
Measurement	Quantitative
Range	500-10,000 pmol/L
Testing Time	15 minutes
Storage Condition	2 - 8° C

Simple Testing Procedure



1. Dilute the sample



2. Add diluted sample into a test device



3. Check the test result

Specific Clinical Applications

With the in-clinic cardiac biomarker test kit, **veterinarians can quickly identify** dogs at high risk of congestive heart failure, allowing them to differentiate whether their canine patients are experiencing Myxomatous Mitral Valve Degeneration (MMVD) with, or without, congestive heart failure. Staging and ongoing monitoring of patients with MMVD can also be conducted with the test; and in large canine breeds, the cNT-proBNP test is highly sensitive and specific for detecting occult Dilated Cardiomyopathy (DCM).

Your Best Treatment Plan is in the Numbers

Analysis of cNT-proBNP on **Bionote's Vcheck V200 or V2400 analyzers** for veterinary fluorescence immunoassay can help with point-of-care testing for the cardiac biomarker and provide **quick quantitative measurement** of pro-hormone (proBNP) in canine serum – in the form of a precise numerical result, avoiding ambiguous estimates or ranges.

Product Name	Product Number	Product Type	Packing Unit
Vcheck Canine NT-pro BNP	VCF132DC	Device	5 Tests/Kit



For More Information:
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Bionote offers a wide variety of in-clinic, quantitative tests for veterinary practices.

