



FELINE



Vcheck NT-proBNP



Quantitative Results are at the Heart of Feline Care

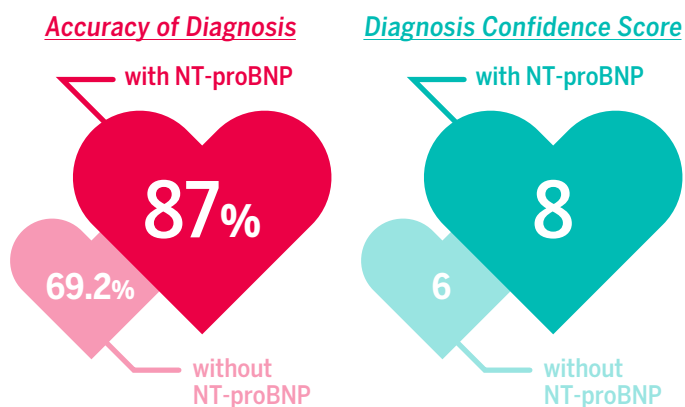
An in vitro diagnostic test kit for the **quantitative measurement** of NT-proBNP concentration in feline serum, Vcheck's feline NT-proBNP test allows for identification of this cardiac biomarker. Pro-hormone (proBNP) is produced by cardiac muscle cells and rises due to increased myocardial wall stress. In cats, NT-proBNP concentration reflects the degree of cardiac activation secondary to stimulus, such as stretching. Vcheck's feline NT-proBNP test allows for identification of this marker within minutes to assess the magnitude of cardiac muscle stretching indicating heart disease, allowing veterinarians to quickly prescribe decisive treatment plans related to cardiac issues **without the need for an outside reference lab.**

Clinical Applications

- Diagnosis of heart disease in cats
- Screens for occult heart disease
- Distinguishes cardiac from respiratory disease
- Determines the severity of heart disease

A Closer Look: NT-proBNP

As compared to non-testing, when there is testing for the NT-proBNP biomarker to determine cardiac disease, there is a significant increase in both diagnostic accuracy and confidence.



Specific Clinical Applications

With the in-clinic feline cardiac biomarker test kit, **veterinarians can quickly identify** cats at high risk of heart disease, allowing them to screen for occult heart disease prior to anesthesia, in seemingly healthy cats with heart murmur or in at-risk breeds such as Maine Coon, Ragdoll, Birman and Persian. In cats with respiratory signs such as dyspnea, tachypnea or cough, the test will help differentiate between cardiac and respiratory causes of dyspnea. Along with determining the severity of heart disease, the test is useful for monitoring stabilization of congestive heart failure (CHF) during hospitalization and predicts survival in cats with CHF.

Specifications

Species	Feline
Sample Type	Serum, Plasma (heparin, EDTA) 100 µl
Measurement	Quantitative
Range	500 - 10,000 pmol/L
Testing Time	10 minutes

Simple Testing Procedure



1. Dilute the sample



2. Add diluted sample into a test device



3. Check the test result

Your Best Treatment Plan is in the Numbers

Analysis of feline NT-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 feline serum – in the form of a precise numerical result, avoiding ambiguous estimates or ranges.

Product Name	Product Number	Product Type	Packing Unit
Vcheck Feline NT-pro BNP	VCF130DC	Device	5 Tests/Kit



For More Information:
bionote.com
customerservice@bionote.com
800-727-5169

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