



FELINE



# Vcheck NT-proBNP



## Quantitative Results are at the Heart of Feline Care

The market's only in vitro diagnostic test kit for the in-clinic, 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

## Specifications

<b>Species</b>	Feline
<b>Sample Type</b>	Serum 100 µl
<b>Measurement</b>	Quantitative
<b>Range</b>	50 - 1,500 pmol/L
<b>Testing Time</b>	10 minutes

## Simple Testing Procedure



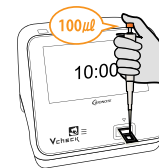
### Dilute Sample

Use a 100 µl pipette to draw 100 µl of the serum and add to the assay diluent tube.



### Mix

Use the same pipette to mix the sample with diluent by pipetting 5 - 6 times.



### Measure

Add 100 µl of the mixed sample to the sample well of the test device and press [START].

### Product Name

Vcheck Feline NT-pro BNP

### Product Number

VCF130DC

### Product Type

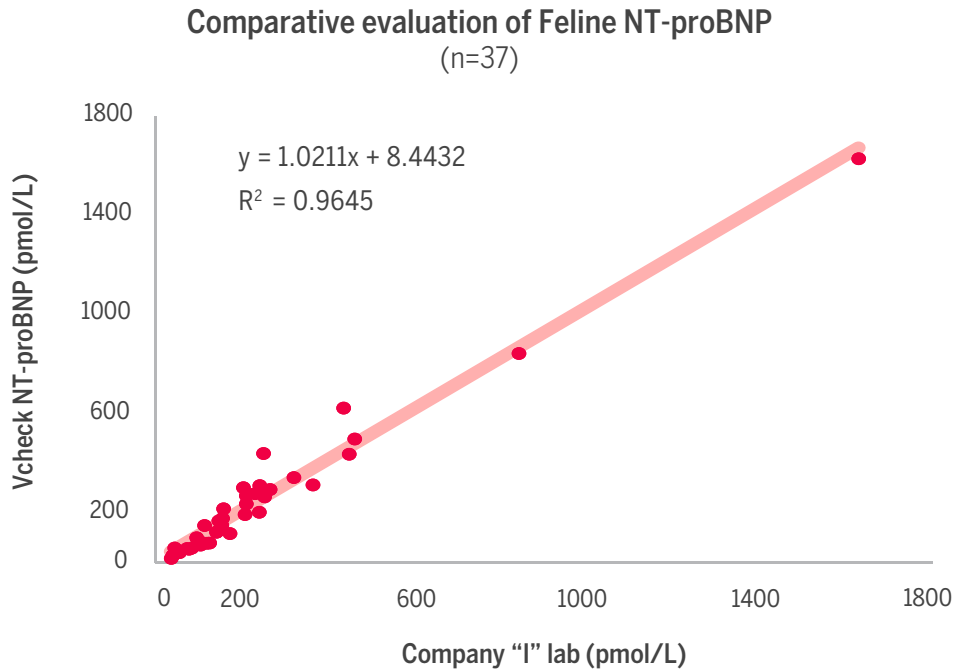
Device

### Packing Unit

5 Tests/Kit

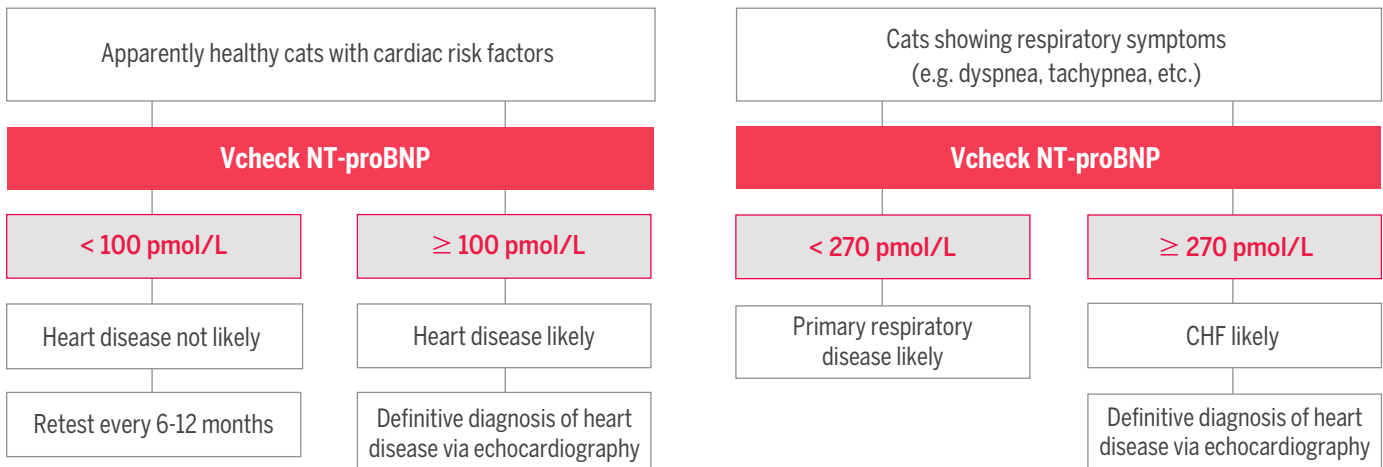
# A Closer Look: NT-proBNP

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.



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.

