



Finecare™ Vet

Canine NT-proBNP Interpretation Chart

This Canine NT-proBNP Reference Chart is designed to work only with the Wondfo FineCare Vet test kits. Comparing values to laboratory results using different analyzers will not render useful comparisons. This test is not intended to diagnose, treat, or cure any diseases, and is to be used as a screening tool only. This test is not intended to replace standard veterinarian testing and screening. Incorrect testing procedures and assay handling will render the test result invalid.

NORMAL RANGE

**<150-300
pmol/L**

Results in this range are not expected to have heart failure

Results in this range do not constitute a diagnosis

ELEVATED RANGE

**>300
pmol/L**

Animals with results at or above 300 pmol/L are recommended to have further heart testing performed with their veterinarian

Results in this range do not constitute a diagnosis

The ranges listed above has been compiled through reference range study using 58 different canine serum samples to generate ranges based on normal population distribution. Numbers from other analyzers will always have different ranges since every analyzer has a different method of measurement. Study was performed by Samuel Decker of MR Diagnostic Services. Intellectual property of MR Diagnostic Services 2023

CanineP4.Com





An in-house study was performed and self-funded by CanineP4.com (intellectual property rights owner) with a healthy group of female dogs using the Wondfo NT-proBNP (B-Type Natriuretic Peptide) serum tests. The distribution is as below. Expected normal ranges are given in the front of the chart.

What is BNP and its implications?

BNP, or N-terminus fragment pro B-type natriuretic peptide, is a cardiac-specific biomarker used to monitor or detect heart disease. It is a hormone which is secreted by cardiac muscle cells during cardiac stretch and other complications derived from heart disease. Increasing levels of BNP is strongly correlated with increasing levels of cardiovascular damage or heart enlargement. This test will not diagnose a heart condition, please screen your animals regularly as recommended by your veterinarian and consult with them immediately if any result from this test is elevated. Animals with healthy hearts are not expected to have much NT-proBNP in serum circulation, however this test does not replace professional veterinarian cardiac screening, testing, or diagnosis.

Smith, D. C. (2021, September 23). *NT-proBNP Testing: An important tool for veterinary practitioners*. DVM 360. <https://www.dvm360.com/view/nt-probnp-testing-an-important-tool-for-veterinary-practitioners>

Descriptives

