

Canine NT-proBNP Interpretation Guide

TRUFORMA Canine NT-proBNP (pmol/L)	Interpretation
<900	Low likelihood of heart disease. Clinical signs are likely non-cardiac in origin.
900–1,800	Possible heart disease. Further diagnostics recommended to confirm.
>1,800	Probable heart failure. Further diagnostics indicated to classify disease.

Cutoff values lower than those listed above are recommended for screening Doberman Pinschers for preclinical dilated cardiomyopathy. In one study, a NT-proBNP cutoff value of **548 pmol/L** was 100% sensitive and 80% specific in predicting echocardiographic changes.¹ In another study, a cutoff value of **457 pmol/L** in combination with Holter monitoring had 94.5% sensitivity and 84.8% specificity.²

References

1. Gordon SG, Wesselowski S, Estrada AH, Braz-Ruivo L, Morris N, Häggström J, O'Grady MR, Malcolm E. Prospective evaluation of the combined value of physical examination and biomarker variables in screening for preclinical dilated cardiomyopathy in Doberman Pinschers. J Vet Cardiol. 2022 Apr;40:69-83. doi: 10.1016/j.jvc.2022.01.004. Epub 2022 Feb 2. PMID: 35216915.
2. Singletary, G.E., Morris, N.A., Lynne O'Sullivan, M., Gordon, S.G. and Oyama, M.A. (2012), Prospective Evaluation of NT-proBNP Assay to Detect Occult Dilated Cardiomyopathy and Predict Survival in Doberman Pinschers. J Vet Intern Med, 26: 1330-