

**Citations: NT-proANP ELISA (cat. no BI-20892)
for the measurement of NT-pro-ANP
in rat and mouse samples**

Citations measurement of NT-pro-ANP in rat samples:

Citations on Kit Validation:

• **Cross-laboratory analytical validation of the cardiac biomarker NT-proANP in rat .**

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• **An initial characterization of N-terminal-proatrial natriuretic peptide in serum of Sprague Dawley rats.**

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Additional citations:

Spatio-temporal regulation of calpain activity after experimental myocardial infarction in vivo.

Zhang K, Cremers MM, Wiedemann S, Poitz DM, Pfluecke C, Heinzl FR, Pieske B, Adams V, Schauer A, Winzer R, Strasser RH, Linke A, Quick S, Heidrich FM. Biochem Biophys Rep. 2021 Oct 28;28:101162. doi: 10.1016/j.bbrep.2021.101162. PMID: 34761128; PMCID: PMC8566776.

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Rubattu, S., Cotugno, M., Forte, M., Stanzone, R., Bianchi, F., Madonna, M., Marchitti, S., Volpe, M., 2018. J. Hypertens. 36, 1902–1914. PMID: 29916993.

[FGF21 increases water intake, urine output and blood pressure in rats.](#) Turner, T., Chen, X., Zahner, M., Opsahl, A., DeMarco, G., Boucher, M., Goodwin, B., Perreault, M., 2018. PLOS ONE 14;13(8):e0202182. PMID: 30106981

[Evaluation of Cardiac Toxicity Biomarkers in Rats from Different Laboratories.](#) Kim, K., Chini, N., Fairchild, D.G., Engle, S.K., Reagan, W.J., Summers, S.D., Mirsalis, J.C., 2016. Toxicol Pathol 44, 1072-1083. PMID: 27638646.

[Serum Natriuretic Peptides as Differential Biomarkers Allowing for the Distinction between Physiologic and Pathologic Left Ventricular Hypertrophy .](#) Dunn, M.E., Manfredi, T.G., Agostinucci, K., Engle, S.K., Powe J., King, N.M.P., Rodriguez, L.A, Gropp, K.E., Gallacher, M., Vetter, F.J., More, V., Shimpi, P., Serra, D., Colton, H.M., for The Cardiac Hypertrophy Working Group of the Predictive Safety Testing Consortium . 2017. Toxicol Pathol 45(2): 334-352. PMID: 27102652

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Citations measurement of NT-proANP in mouse samples:

Combined Therapy of Low-Dose Angiotensin Receptor-Nepriylsin Inhibitor and Sodium-Glucose Cotransporter-2 Inhibitor Prevents Doxorubicin-Induced Cardiac Dysfunction in Rodent Model with Minimal Adverse Effects.

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NT-proANP ELISA pre-clinical use – mouse samples - Biocompare review:

<https://www.biocompare.com/Product-Reviews/517767-easy-reliable-little-sample-volume/>.