

Data Sheet

HUMAN URODILATIN / CDD-ANP (aa 95-101)

ANTIBODY, POLYCLONAL

Catalog no.:	A 8021.1 / A 8021.2
Immunogen:	Synthetic human Urodilatin / ANP (aa 95-101)-ßAC KLH conjugated (TAPRSLR)-ßAC
Synonmys:	CDD-ANP, Prepronatriodilatin
Swiss-Prot No:	P01160
Gene Information:	Gene Name: NPPA, ANP, PND
	GeneID: 4878
Host:	Rabbit
Matrix:	Serum
Specificity:	Synthetic human Urodilatin (aa 95-101), human Urodilatin
	There was no cross reactivity obtained with human ANP (aa 1-28) (< 0.1%), human proANP (aa 1-98) (< 0.1%), human proANP (aa 79-98) (< 0.1%), human BNP (< 0.1%), and human CNP (< 0.1%).
Contents:	20 µl / 100 µl (lyophilized)
	Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	RIA (1:3500)[1, 3, 4, 5, 6], ELISA (1:1000)
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved)
	Repeated thawing and freezing must be avoided

References:

1. Drummer C, Fiedler F, Konig A, Gerzer R (1991). Urodilatin, a kidney-derived natriuretic factor, is excreted with a circadian rhythm and is stimulated by saline infusion in man. *J Am Soc Nephrol* **1**(9)**:** 1109-1113.

2. Meyer M, Armbruster FP, Maier I, Schwing J, Haller C, Missbichler A, Adermann K, Forssmann WG, Woloszczuk W (1998). Urinary and plasma urodilatin measured by a direct RIA using a highly specific antiserum. *Clin Chem* **44**(12)**:** 2524-2529.

3. Mueck AO, Seeger H, Armbruster FP, Lippert TH (1998). The influence of norethisterone acetate on urinary urodilatin excretion in postmenopausal women. *Clin Exp Obstet Gynecol* **25**(3)**:** 76-78.

4. Seeger H, Armbruster FP, Mueck AO, Lippert TH (1998). The effect of estradiol on urodilatin production in postmenopausal women. *Arch Gynecol Obstet* **262**(1-2)**:** 65-68.

5. Lenz W, Herten M, Gerzer R, Drummer C (1999). Regulation of natriuretic peptide (urodilatin) release in a human kidney cell line. *Kidney Int* **55**(1)**:** 91-99.

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6. Heringlake M, Klaus S, Bahlmann L, Sehested J, Pagel H, Schmucker P (2001). Effects of posture and positive airway pressure on plasma atrial natriuretic peptide and renal urodilatin excretion. *Clin Nephrol* **56**(5)**:** 364-369.

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