

Immunoprecipitating Rabbit Anti-Rat ANP Serum

IP-618

Lot # 7582

This antiserum was raised in a rabbit which was immunized with rat atrial natriuretic polypeptide covalently attached onto a carrier protein. The antiserum is specific for rat ANP and has been shown by RIA techniques to immunoprecipitate quantitatively rat ANP at a 1:500 dilution. Dilute the lyophilized antiserum with 0.1 ml of 10 mg/ml BSA in PBS for the equivalent of whole antiserum, or with additional buffer for more dilute antiserum.

Polypeptide	Antiserum Specificity	% Cross Reactivity
Atrial Natriuretic Polypeptide (rat)		100
Atrial Natriuretic Polypeptide (human)		90
ACTH		0
Calcitonin (human)		0
PTH (human 1-84)		0
Vasoactive Intestinal Peptide		0

Immunoprecipitation

The rabbit antiserum will quantitatively immunoprecipitate rat ANP at dilutions ranging from 1:500 to 1:5000 depending upon the amount of rat ANP in a sample and the procedure used. We have tested the antiserum using both double antibody precipitation and magnetic bead techniques.