



## PENINSULA LABORATORIES, LLC

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**Cat. No. T-5004**

### **Guinea pig anti-Atrial Natriuretic Factor (1-28) (human, bovine, porcine)**

#### **Specifications:**

- Preparation:** This polyclonal antibody was collected from guinea pigs immunized with a synthetic peptide as the immunogen.
- Amount:** Each vial contains 50 ul of whole serum in lyophilized form. Reconstitute with 50 ul of distilled water for the equivalent of undiluted antiserum.
- Storage:** This antibody is supplied as a lyophilized powder. Store at 2°C to 8°C upon receipt. For long-term storage, store lyophilized powder at -20°C. Once reconstituted, the materials should be stored frozen in aliquots at -20°C to -70°C. **Avoid repeated freeze/thaw cycles.**
- Applications:** Immunohistochemistry, Immunocytochemistry, and other applications.
- Sample Types:** The antibody can react with a variety of sample preparation including frozen tissue sections, paraffin embedded tissue sections and fixed cell cultures.

#### **Recommended starting dilution for Immunohistochemical staining:**

Immunofluorescence: 1:250 to 1:16000

PAP or ABC: 1:250 to 1:16000

LAB-SA: 1:250 to 1:16000

It is advised for each laboratory to determine optimal dilutions for a specific application.

#### **Cross Reaction:**

Peptide	%
ANF (1-28) (human)	100
ANF (rat)	100
ANP (eel)	100
β-ANP 1-28 (human)	100
Urodilatin	100
...- ANP 1-25 (human)	0
f- ANP (chicken)	0
BNP-32 (human)	0
CNP-22 (porcine)	0
Endothelin-1 (human, porcine)	0

Cross-Reactivity data is taken from Radioimmunoassay applications