

AP31392PU-N**Polyclonal Antibody to Canine Heartworm - Purified****Alternate names:**

Dirofilaria immitis

Quantity:

1 mg

Concentration:

7.5 mg/ml (OD280nm)

Background:

Canine heartworm (*Dirofilaria immitis*) is transmitted by mosquitoes. Adult nematodes reach 10 to 12 inches in length and live in the peripheral branches of the pulmonary arteries, producing large numbers of microscopic offspring (microfilaria) which circulate throughout the bloodstream. Heartworm disease is caused by the body's immunologic reaction to the presence of the adults and offspring, damaging the vasculature system of the lungs.

Host:

Rabbit

Immunogen:Purified *Dirofilaria immitis* antigen.**Format:****State:** Liquid purified IgG fraction**Buffer System:** 0.05M PBS, pH 7.4 containing 0.09% Sodium Azide as preservative**Applications:**Suitable for **ELISA** and **Lateral Flow Assays**.

This antibody can be used with AM00862PU-N in Sandwich Immunoassay.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:This antibody recognizes Canine Heartworm (*Dirofilaria immitis*).**Species:** Canine.

Other species not tested.

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.