

Product datasheet for **AM00862PU-N**

Canine Heartworm Mouse Monoclonal Antibody [Clone ID: 115-11487]

Product data:

Product Type:	Primary Antibodies
Clone Name:	115-11487
Applications:	ELISA, LF
Recommended Dilution:	Suitable for ELISA and Lateral Flow Assays . This antibody can be used with AP31392PU-N in Sandwich Immunoassay.
Reactivity:	Canine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	R. G. Antigen
Specificity:	This antibody recognizes Canine Heartworm.
Formulation:	0.05M Phosphate, pH 7.4 containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	DEAE Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Background:	Canine heartworm (<i>Dirofilaria immitis</i>) 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.
Synonyms:	<i>Dirofilaria immitis</i>



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