

Pet Status	Kitten (< 8 months of age)	Adult (≥ 8 months)
Asymptomatic On no heartworm preventive	None Start macrolide*	None Ab optional (Ag test if Ab+) Start macrolide*
Asymptomatic On macrolide**	None	None Ab optional
Symptomatic On no heartworm preventive or questionable compliance	CXR, Ab (if Ab+, diagnostics test as in adult) Start or enforce administration of macrolide*	Ag, Ab, CBC, CXR Mf optional ECHO optional NSA optional Start macrolide*
Symptomatic On macrolide**	CXR†	CXR†

* ivermectin, milbemycin, selamectin

** In cats placed on monthly macrolide preventive, yearly retesting is optional because of the low infection prevalence in cats, high efficacy of preventive and test (Ag) intensivity. Ab would reveal exposure. Ag might be used if compliance is suspect.

† ± Ag, Ab, ECHO, Mf, NSA, based on CXR findings, clinical signs and confidence of owner compliance.

Ab = antibody test

Ag = antigen test

CBC = complete blood count

CXR = thoracic radiograph

Mf = microfilaria test (modified Knott test, Millipore filter test, direct smear or capillary tub examination)

ECHO = echocardiogram

NSA = non-selective angiogram