



Precise Diagnostics for Improved Care



CANINE HEARTWORM

Rapid Antigen Test

Easy and Rapid Heartworm Results

The Canine Heartworm (CHW) test is a one-step antigen testing strip that indicates whether heartworms are present without requiring use of an analyzer. Antigen testing is the most sensitive diagnostic method for detection of Canine *Dirofilaria immitis* antigen, with positive results occurring within 5-6 months of the initial infection. This CHW rapid testing strip has proven to be particularly sensitive and specific in detecting up to two heartworms of any type.

Specifications

Species:	Canine
Sample Type:	Whole blood, plasma or serum
Measurement:	Positive/Negative
Testing Time:	5-10 minutes
Storage Condition:	2 – 30° C
Sensitivity:	94.4%
Specificity:	100%

Clinical Applications

- Detection of up to two heartworms of any type, including:
 - Male
 - Adult female
 - Immature female
 - Non-propagated female worms
- Screening asymptomatic dogs
- Seeking verification of suspected heartworm

How It Works

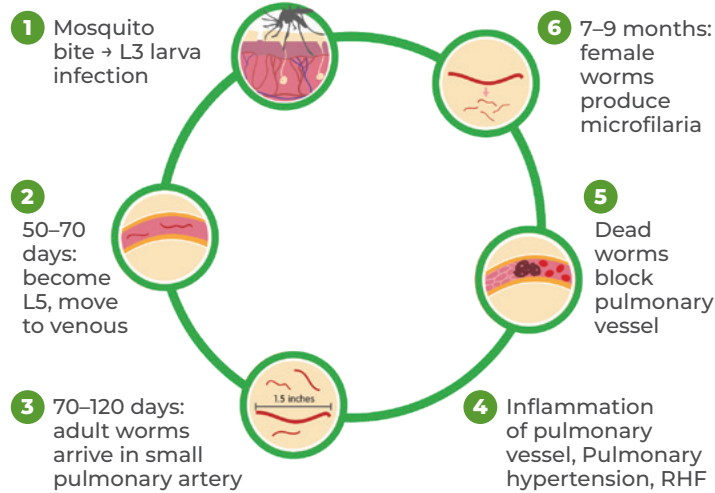
- Prepare sample and add two drops of the blood, plasma or serum into the sample hole on the test device.
- After 5-10 minutes, results should appear on the testing strip.

Product Name	Product Number	Product Type	Packing Unit
Heartworm Antigen Test Kit 2.0	RG1133DD	Rapid Test	10 Tests/Kit
Heartworm Antigen Test Kit 2.0	RG1133DM	Rapid Test	100 Tests/Kit

Get Results Fast

CHW detects the presence of heartworms within 5-6 months of the initial infection. This highly specific and sensitive test can be used to indicate heartworm presence in suspected cases or screen asymptomatic dogs with results in just 5-10 minutes.

Transmission



Clinical Signs

Early Stage

- Mild cough
- Depression
- Fatigue
- Anorexia
- Weight loss

Late Stage

- Abnormal heart/lung sounds
- Dyspnea, fever
- Hemoptysis from PTE (Pulmonary Thromboembolism)
- Swollen belly due to excess fluid in abdomen
- Hepatomegaly

Emergency

- Caval syndrome = cardiovascular collapse marked by:
 - Sudden labored breathing
 - Pale gums
 - Dark bloody or coffee-colored urine

Treatment



Day 0 Exercise restrictions. If symptomatic, stabilization with appropriate therapy and care.

Day 0 PDS (0.5mg/kg BID 1st week, 0.5mg/kg SID 2nd week, 0.5mg/kg EOD 3rd–4th week)

Day 1 Exercise restrictions. If symptomatic, stabilization with appropriate therapy and care.

Day 1–28 PDS (0.5mg/kg BID 1st week, 0.5mg/kg SID 2nd week, 0.5mg/kg EOD 3rd–4th week)

Day 30 Canine heartworm preventative

Day 60 Canine heartworm preventative

Day 60 1st melarsomine 2.5mg/kg IM

Day 60 Exercise restriction

Day 90 Canine heartworm preventative

Day 90 2nd melarsomine 2.5mg/kg IM

Day 91 3rd melarsomine 2.5mg/kg IM

Day 120 Microfilarial test. If positive, microfilaricide treatment.

Day 271 CHW Ag test

