

# VETSCAN® & WITNESS® HEARTWORM RAPID TESTS:

EXCELLENT CORRELATION TO THE **GOLD STANDARDS** OF HEARTWORM STATUS IN A PEER-REVIEWED STUDY, WITH THE CONVENIENCE OF IMMEDIATE AND **ACCURATE RESULTS**.

## AN INDEPENDENT STUDY COMPARED 5 IN-CLINIC HEARTWORM ASSAYS<sup>1</sup>

- ✓ WITNESS Heartworm Rapid Test
- ✓ VETSCAN Heartworm Rapid Test
- ✓ SNAP® 4Dx Plus Test Kit
- ✓ Solo Step® CH Heartworm Antigen Test
- ✓ Anigen Rapid One Step®



### SENSITIVITY

Estimated ability to detect a **positive** sample



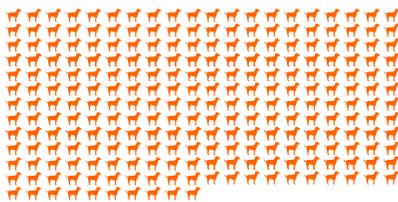
### SPECIFICITY

Estimated ability to detect a **negative** sample



### PERCENT AGREEMENT

How strongly the tests **perform similarly**



Serum & *D. immitis* collected from **250** shelter dogs

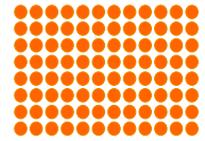


Heartworm status determined by necropsy

WITNESS



VETSCAN



Serum tested on all 5 in-clinic tests and microwell ELISA (DiroCHEK®)<sup>1</sup>

## IMPORTANT PERFORMANCE FINDINGS<sup>1</sup>

### PERFORMANCE DATA COMPARED TO NECROPSY

	WITNESS Heartworm	VETSCAN Heartworm	SNAP 4Dx Plus	Anigen Rapid One Step	Solo Step CH
<b>Sensitivity</b>	99.0%	98.5%	97.5%	99.5%	98.0%
<b>Specificity</b>	94.0%	94.0%	94.0%	94.0%	94.0%

### PERCENT AGREEMENT TO DIROCHEK

<b>% Agreement to DiroCHEK</b>	98.8%	98.4%	98.4%	99.2%	98.8%
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All tests demonstrated more than 90% agreement with necropsy results

**YOU CAN EXPECT ACCURACY AND RELIABILITY WITH VETSCAN AND WITNESS HEARTWORM RAPID TESTS**

#### Reference

1. Henry LG, Brunson KJ, Walden HS, et al. Research paper: Comparison of six commercial antigen kits for detection of *Dirofilaria immitis* infections in canines with necropsy-confirmed heartworm status. *Veterinary Parasitology*. 2018;254:178-182. doi:10.1016/j.vetpar.2018.02.037.

WITNESS®  
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### ACCURATE, FAST, AND EASY-TO-USE RAPID TESTS AT THE POINT OF CARE

VETSCAN and WITNESS Heartworm Rapid Tests are convenient, easy-to-use visual rapid tests for the qualitative detection of *Dirofilaria immitis* antigen associated with heartworm disease in dogs and cats at the point of care.

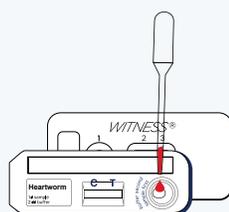
- + **Results** - In a study, demonstrated excellent agreement with two gold standards of heartworm testing: necropsy and DiroCheck.<sup>1</sup>
- + **Room temperature storage** - Save refrigerator space and eliminate test warm-up time.
- + **Easy-to-use** - 3 simple steps help eliminate unnecessary re-tests and minimize the margin for human error.
- + **Automated interpretation for VETSCAN Heartworm** - Read results with the VETSCAN VUE.

**“MY EXPERIENCE HAS BEEN NOTHING BUT GOOD. IT HAS BEEN AN EASY TEST TO USE AND ONE THAT I HAVE GREAT CONFIDENCE IN THE RESULTS”**

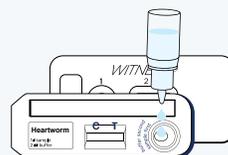
- Dr. Jerry Immethun, Marketplace Animal Hospital, Lenexa, KS (WITNESS Heartworm)

CONVENIENT. RAPID. EASY.

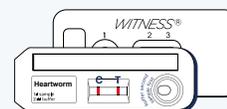
### WITNESS & VETSCAN Test Instructions



**1** Add **1 drop** of anticoagulated whole blood, serum, or plasma to the sample well.



**2** Add **2 drops** of chase buffer provided to the sample well.



**3** Read results at 10 minutes. **Positive Example**



Read at 10 minutes



Room temperature storage



Extended shelf life



WITNESS available in 10 test kit & 25 test kit



VETSCAN available in 25 test kit & 100 test kit

Contact Your Zoetis Representative Today!

888 963 8471

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