



WITNESS®

Diagnostic Rapid Test Accuracy

With diagnostic rapid tests from Zoetis, you get more of what you want and less of what you don't want: more options, more confidence, less hassle, less waiting. VETSCAN® and WITNESS® diagnostic rapid tests offer you the flexibility to do single or multiplex testing, so you can test for what is needed to make the right clinical decisions, and prevent wasted time and expense. Get accurate, fast, and clear point-of-care results with Zoetis.

Test	Sensitivity	Specificity	Species	Test Type
 VETSCAN Flex4	See below for Heartworm, Lyme, Ehrlichia, and Anaplasma sensitivity and specificity.			
 VETSCAN Heartworm ¹	98.5%	94.0%	Canine	Antigen
 VETSCAN Lyme ²	100%	100%	Canine	Antibody
 VETSCAN Ehrlichia ³	97.4%	97.5%	Canine	Antibody
 VETSCAN Anaplasma ⁴	93.3%	96.4%	Canine	Antibody
 WITNESS Heartworm ⁵	97.0%	96.4%	Canine	Antigen
 WITNESS Lepto ⁶	83.7%	90.2%	Canine	Antibody
 VETSCAN FeLV/FIV ⁷	FeLV 94.6% FIV 99.2%	FeLV 99.4% FIV 99.2%	Feline	FeLV - Antigen FIV - Antibody

	Test	Sensitivity	Specificity	Species	Test Type
	WITNESS FeLV/FIV ^{8,9}	FeLV 92.9% FIV 93.8%	FeLV 96.5% FIV 93.4%	Feline	FeLV - Antigen FIV - Antibody
	WITNESS FFH ^{10,11}	FeLV 95.9% FIV 100% Heartworm 91.4%	FeLV 98.0% FIV 95.8% Heartworm 99.2%	Feline	FeLV - Antigen FIV - Antibody Heartworm - Antigen
	VETSCAN Giardia ¹²	98.1%	99.3%	Canine	Antigen
	VETSCAN Parvo ¹³	96.0%	98.7%	Canine	Antigen
	WITNESS Parvo ¹⁴	86.3%	96.1%	Canine	Antigen
	WITNESS Relaxin ^{15,16}	96.4% 100%	100% 95.9%	Canine Feline	Antibody to relaxin hormone

	Test	Level of Agreement	Comparison Standard	Species	Test Type
	VETSCAN cPL ¹⁷	ICC*: 0.96	Spec cPL	Canine	Antibody to canine pancreatic-specific lipase

*Intraclass Correlation Coefficient (Agreement Scoring)
cPL does not require USDA licensing.

1 Henry LG, Brunson KJ, Walden HS, Wenzlow N, Beachboard SE, Barr KL, et al. Comparison of six commercial antigen kits for detection of *Dirofilaria immitis* infections in canines with necropsy-confirmed heartworm status. *Veterinary Parasitology* 2018;254:178–82. doi:10.1016/j.vetpar.2018.02.037.
2 Data on file, Study Report No. TI-04012, Zoetis Inc.
3 Data on file, Study Report No. TI-04015, Zoetis Inc.
4 Data on file, Study Report No. TI-04029, Zoetis Inc.
5 Starkey L, Bowles J, Payton M, Blagburn B. Comparative evaluation of commercially available point-of-care heartworm antigen tests using well-characterized canine plasma samples. *Triennial Symposium*. 2016;42-43.
6 Data on file, Study Report No. D886R-US-14-015 Supplement, Zoetis Inc.
7 Data on file, Study Report No. D886R-US-19-057, Zoetis Inc.
8 Data on file, Study Report No. D880Z-US-14-013, Zoetis Inc.
9 Data on file, Study Report No. D880Z-US-14-014, Zoetis Inc.

10 Data on file, Study Report No. D880W-US-17-042, Zoetis Inc.
11 Data on file, Study Report No. D886Z-US-17-043, Zoetis Inc.
12 Data on file, Study Report No. TI-04648, Zoetis Inc.
13 Data on file, Study Report No. TI-05572, Zoetis Inc.
14 Decaro N, Desario C, Billi M, et al. Evaluation of an in-clinic assay for the diagnosis of canine parvovirus. *Vet J*. 2013;198:504-507.
15 Data on file, WITNESS Relaxin Technical Dossier, Zoetis Inc.
16 Digangi BA, Griffin B, Levy JK, Smith BF, Baker HJ. Use of a commercially available relaxin test for detection of pregnancy in cats. *Journal of the American Veterinary Medical Association* 2010;237:1267-74. doi:10.2460/javma.237.11.1267.
17 Cridge H, Macleod A, Pachtinger G, Mackin A, Sullivant A, Thomason J, et al. Evaluation of SNAP cPL, Spec cPL, VETSCAN cPL Rapid Test, and Precision PSL Assays for the Diagnosis of Clinical Pancreatitis in Dogs. *Journal of Veterinary Internal Medicine* 2018;32:658–64. doi:10.1111/jvim.15039.