SNAP Leish 4Dx Test

Test accuracy

Sensitivity and specificity of the SNAP* Leish 4Dx* Test

Analyte	Reference method	SNAP Leish 4Dx Test result		Total	Sensitivity (95% CL)
		+	–		Specificity (95% CL)
Dirofilaria immitis[a]	+	48	1	49	98,0% (89,1%–99,9%)
	–	0	461	461	100,0% (99,2%–100%)
***Anaplasma* spp.**[b]	+	80	5	85	94,1% (86,8%–98,1%)
	–	7	418	425	98,4% (96.6%–99,3%)
***Ehrlichia* spp.**[c]	+	99	7	106	93,4% (86,9%–97,3%)
	–	13	391	404	96,8% (94,6%–98,3%)
Leishmania infantum[d]	+	82	3	85	98,8% (93,5%–100%)
	–	1	272	273	98,9% (96,8%–99,8%)

Table 1: SNAP Leish 4Dx Test versus reference methods.[1,2]

Reference methods

a. Necropsy or PetChek* Heartworm ELISA positive and PetChek* Heartworm ELISA negative[1]

b. *A. phagocytophilum* IFA and *Anaplasma* spp. ELISA[1]

c. *E. canis* IFA and *E. ewingii* ELISA[1]

d. IFA[2]

References

1. Beall M, Mainville C, Arguello-Marin A, et al. An improved point-of-care ELISA for the diagnosis of anaplasmosis and ehrlichiosis during the acute phase of tick-borne infections in dogs. *Topics in Companion Anim Med.* 2022;51:100735. doi:10.1016/j.tcam.2022.100735

2. Data on file at IDEXX Laboratories, Inc. Westbrook, Maine USA.