

Supplementary Table S2. Laboratory and clinical findings for the negative and positive control dogs for the Indirect Fluorescent Antibody Tests (IFATs)

Control	Residence	Date	Laboratory number	Blood smear ^d	PCR	IFAT	HCT	Plt	TSP	Alb	Glob	Clinical findings
Negative	East Anglia, United Kingdom	13 Apr-15	114691-R01 ^b	not done	<i>Babesia</i> species negative	1:40 dilution no fluorescence (see Supplementary Fig. S1)	45.8 (37-55)	274 (175-500)	58 (55-77)	32 (25-41)	26 (24-47)	none
		10 Jul-09	39147 ^c	negative	not done	not done	55 (37-55)	594 (200-500)	72.8 (53-75)	28.9 (27-35)	43.9 (20-37)	none
		11 Nov-09	43899 ^c	<i>Babesia</i> 3+	not done	1:40 & 1:80 dilution ^e fluorescence < positive control	23	59 ^f	not done	not done	not done	lethargy, jaundice+++; epistaxis, vomiting, diarrhoea / melena, tachypnoea, haematuria; duration most symptoms ~7 days
Positive ^a	Zenzele, South Africa	5 Jan-10	not shown	<i>Babesia</i> 1+	<i>Babesia rossi</i> positive	positive control strong fluorescence (see Supplementary Fig. S2)	31	96	not done	not done	not done	pale mucous membranes haematuria
		6 Feb-10	not done	not done	not done	not done	not done	not done	not done	not done	not done	mucous membranes slight brown hue
		27 Mar-10	not done	not done	not done	1:40 dilution ≤ positive control 1:80 dilution > positive control	not done	not done	not done	not done	not done	pale mucous membranes
		7 Oct-10	not done	not done	not done	1:40 dilution = positive control 1:80 dilution not done	not done	not done	not done	not done	not done	Nov-10: pale mucous membranes

^a Unique identifier EZ38

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^c Faculty of Veterinary Science, University of Pretoria, South Africa

^d The number, by category, of *Babesia* spp. identified on blood smear examination

^e 1:40 moderate to borderline strong positive compared with 5 January 2010; 1:80 moderate positive compared with 5 January 2010

^f Low on blood smear

HCT, haematocrit (%)^b and (0.00 l/l)^c; Plt, platelet count (x10⁹/l); TSP, total protein (g/l); Alb, albumin (g/l); Glob, globulins (g/l)