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# Spotted Fever and Typhus Group Rickettsiae in Dogs and Humans, Mexico, 2022

## Appendix

**Appendix Table 1.** Reciprocal endpoint titer from dog and human serum samples for antibodies to spotted fever group or typhus group *Rickettsia*, Reynosa, Mexico, 2022\*

Dog ID	Breed	Dog Sex	Dog Age, y	Dog serum sample IFA test results				Human serum sample IFA test results				Endpoint titer TGR	Location	
				Endpoint titer <i>R. rickettsii</i>	Endpoint titer <i>R. amblyommatis</i>	Endpoint titer <i>R. parkeri</i>	Endpoint titer TGR	Human Age, y	Human Sex	Endpoint titer <i>R. rickettsii</i>	Endpoint titer <i>R. amblyommatis</i>			Endpoint titer <i>R. parkeri</i>
5	Chihuahua	M	1.2	4096	1024	1024	NA	53	F	2048	512	4096	NA	B
16	Mongrel	F	7	8192	4096	4096	NA	71	M	2048	1024	4096	NA	B
30	Mongrel	F	7	256	512	128	NA	NA	NA	NA	NA	NA	NA	B
31	Mongrel	M	9	1024	2048	4096	NA	NA	NA	NA	NA	NA	NA	B
53	Mongrel	M	3	512	1024	1024	NA	77	M	4096	4096	32768†	NA	D
37	Chihuahua	M	1	NA	NA	NA	16384	47	F	4096	1024	16384†	NA	B
57	Mongrel	F	4	NA	NA	NA	16384	42	F	4096	1024	16384†	NA	D
68	Mongrel	M	3	NA	NA	NA	32768	NA	NA	NA	NA	NA	NA	D
84	Mongrel	F	3	NA	NA	NA	512	NA	NA	NA	NA	NA	NA	D

\*IFA, indirect immunofluorescence assay; NA, not applicable; TGR, typhus group rickettsiosis

†Presumptive etiologic agent

**Appendix Table 2.** Symptomology of study participants, Reynosa, Mexico, 2022\*

Human						
Dog ID	Sex	Age, y	Neighborhood	Recent Tick bite	Symptoms	Result
5	F	53	B	N	Fever, muscle aches	SFGR+
16	M	71	B	Y	Fever, rash, fatigue, muscle aches, joint pain	SFGR+
	F	72	B	N	Fever	NA
37	F	21	B	N	NA	NA
	F	47	B	N	Fever, muscle aches, joint pain	SFGR+
	F	23	B	N	NA	NA
53	M	77	D	Y	Fever, muscle aches	SFGR+
	F	38	D	N	NA	NA
	F	15	D	N	NA	NA
	F	12	D	N	Headache, fatigue	NA
	F	56	D	N	Fever, muscle aches	NA
57	F	42	D	N	Fever, headache, fatigue	SFGR+
68	F	26	D	N	Headache, fatigue	NA
	M	3	D	N	NA	NA
	M	6	D	N	NA	NA
	M	7	D	N	NA	NA

\*NA, not applicable, SFGR+, positive for spotted fever group rickettsiosis