

Supplementary Materials

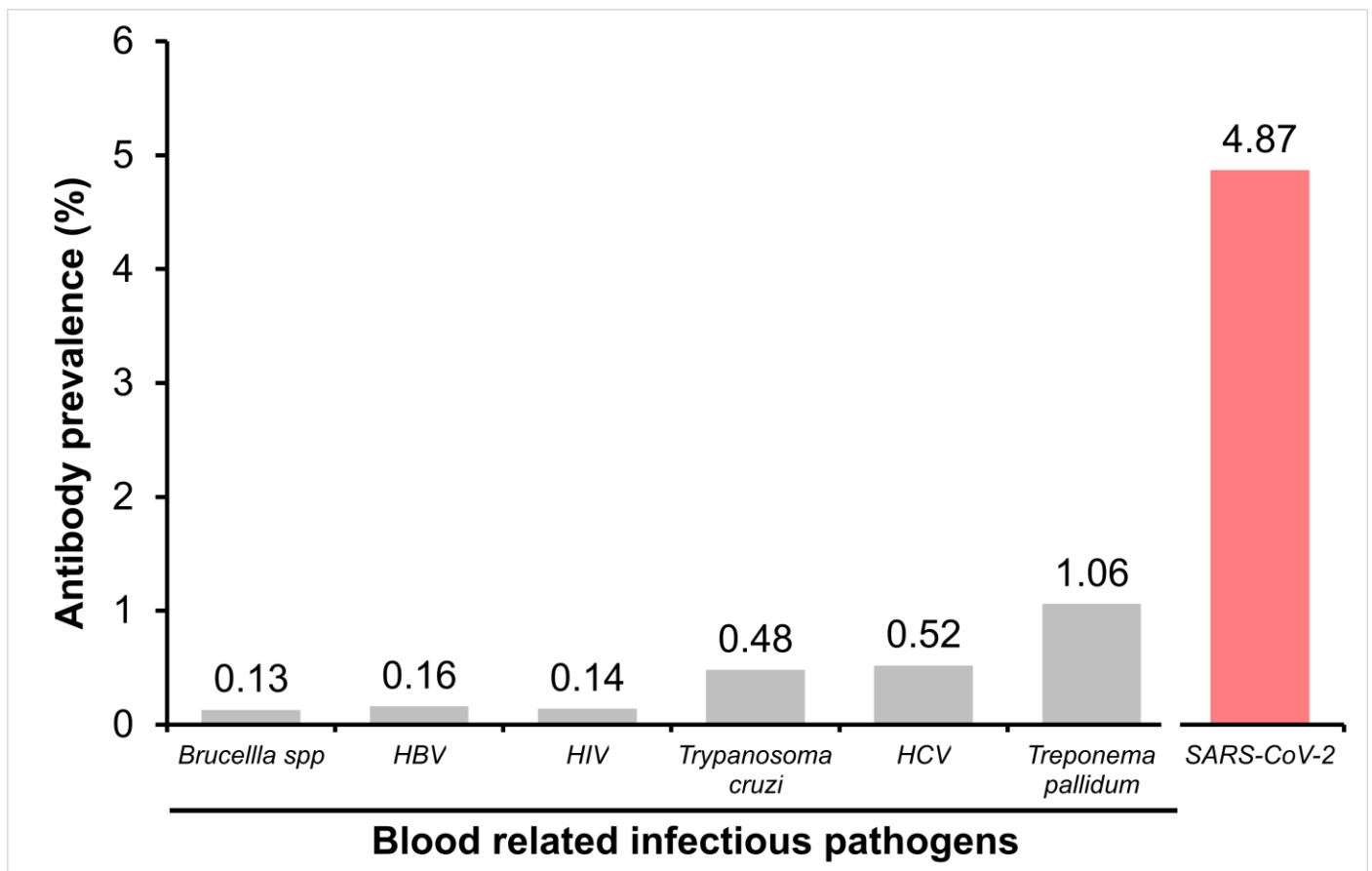


Figure S1. Comparison of prevalence of SARS-CoV-2 IgG antibodies observed against other blood-borne infectious diseases during the same period.

Table S1. Blood donor's characteristics and crude prevalence of antibodies to SARS-CoV-2 in the collected samples from Nuevo Leon Area, Mexico, during the pandemic period (epi week 11 to 51 of 2020).

Variable	Group	Collected samples (n=2031)	Seropositive cases	Case distribution per group (%)	Prevalence per group	<i>p</i> -value ^a
Pandemic Period	Total	2031	(n = 99)	-	4.87%	
Sex	M	1497	65	65.65%	4.34%	0.0436
	F	534	34	34.46%	6.36%	
Age group	18-29	742	41	41.41%	5.53%	0.514
	30-49	1098	48	48.48%	4.37%	
	50-65	191	10	10.10%	5.24%	
ABO blood type	A	501	28	28.28%	5.59%	0.8306
	B	139	7	7.07%	5.04%	
	AB	16	1	1.01%	6.25%	
	O	1375	63	63.64%	4.58%	
RH Blood type	+	1946	94	94.95%	4.83%	0.6593
	-	85	5	5.05%	5.88%	
Educational level	Basic	962	19	19.19%	1.98%	<0.0001
	Middle	617	38	38.38%	6.16%	
	Higher	452	42	42.42%	9.29%	

Table S2. Variable association to SARS-CoV-2 risk of infection

		OR	95% C.I.		P*
			Lower	Upper	
Sex					
	Female	1			
	Male	0.679	0.436	1.058	0.087
Age					
	19-29	1			
	30-49	0.823	0.517	1.310	0.411
	50-65	0.924	0.429	1.994	0.841
ABO Blood Type					
	A	1			
	B	1.038	0.437	2.463	0.932
	O	0.862	0.533	1.395	0.546
	AB	1.183	0.148	9.458	0.874
RH					
	Negative	1			
	Positive	0.759	0.298	1.936	0.564
Educational Level					
	Basic	1			
	Medium	1.132	0.700	1.832	0.613
	High	0.818	0.457	1.463	0.498

Table S3. Geographical distribution of tested samples across Nuevo Leon region and COVID-19 positivity ratio observed.Nd= No data.

Municipality	Samples	IgG(+)	%
Abasolo	3	0	0.0%
Aguaaleguas	0	Nd	Nd
Los Aldama	3	0	0.0%
Allende	14	2	14.3%
Anahuac	6	0	0.0%
Apodaca	185	12	6.5%
Aramberri	5	0	0.0%
Bustamante	6	1	16.7%
Cadereyta Jimenez	48	3	6.3%
El Carmen	32	1	3.1%
Cerralvo	3	0	0.0%
China	4	0	0.0%
Cienega De Flores	6	2	33.3%
Doctor Arroyo	2	1	50.0%
Doctor Coss	0	Nd	Nd
Doctor Gonzalez	5	0	0.0%
Galeana	10	0	0.0%
Garcia	158	6	3.8%
San Pedro Garza Garcia	37	1	2.7%
General Bravo	0	Nd	Nd
General Escobedo	193	10	5.2%
General Teran	1	0	0.0%
General Treviño	1	0	0.0%
General Zaragoza	1	0	0.0%
General Zuazua	19	1	5.3%
Guadalupe	223	8	3.6%
Los Herrera	2	0	0.0%
Higueras	0	Nd	Nd
Hualahuises	0	Nd	Nd
Iturbide	0	Nd	Nd
Juarez	164	8	4.9%
Lampazos De Naranjo	1	0	0.0%
Linares	19	1	5.3%
Marin	2	0	0.0%
Melchor Ocampo	0	Nd	Nd
Mier Y Noriega	4	0	0.0%
Mina	4	0	0.0%
Montemorelos	20	1	5.0%

Monterrey	499	24	4.8%
Paras	0	Nd	Nd
Pesqueria	25	2	8.0%
Los Ramones	3	0	0.0%
Rayones	0	Nd	Nd
Sabinas Hidalgo	8	0	0.0%
Salinas Victoria	23	1	4.3%
San Nicolas De Los Garza	115	6	5.2%
Hidalgo	8	0	0.0%
Santa Catarina	92	1	1.1%
Santiago	28	1	3.6%
Vallecillo	1	0	0.0%
Villaldama	0	Nd	Nd
No Municipality	2	1	
Other States/	83	5	