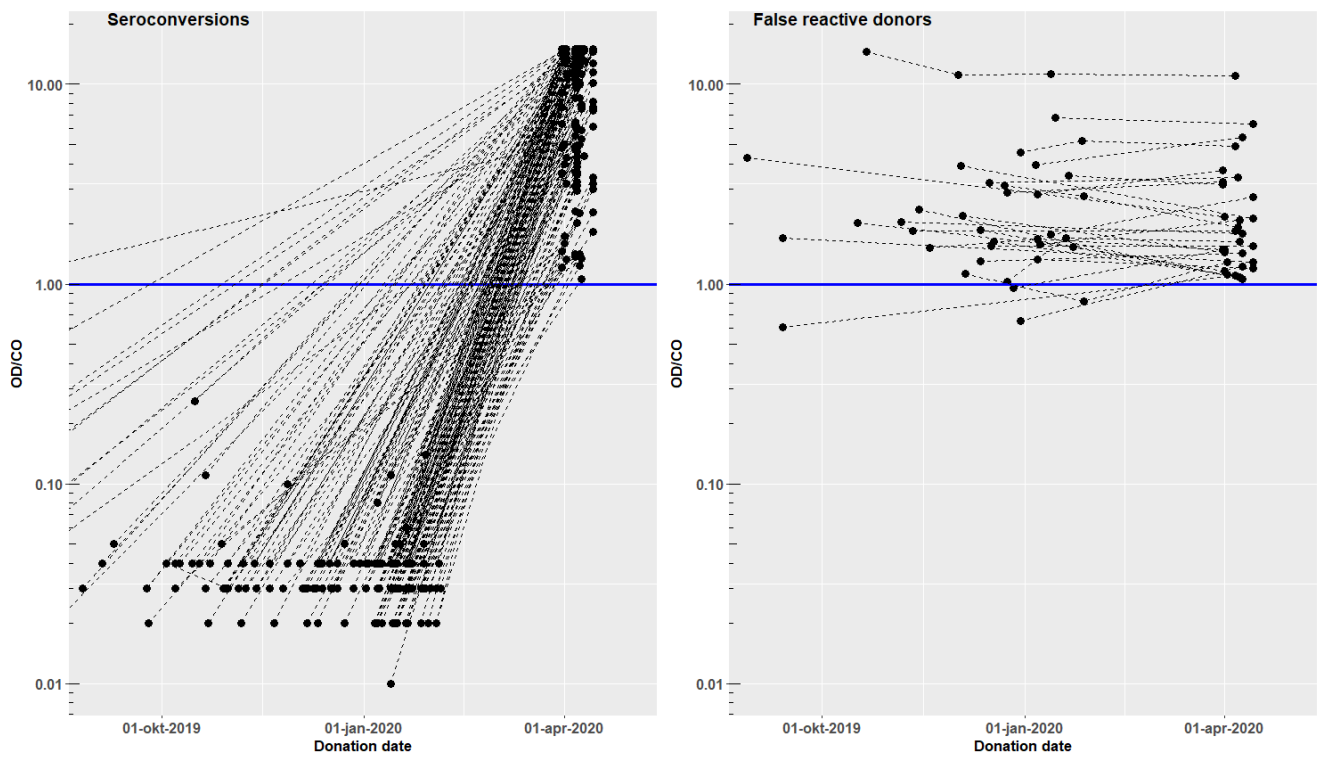


Low SARS-CoV-2 seroprevalence in blood donors in the early COVID-19 epidemic in the Netherlands

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Supplementary Fig. 1 SARS-CoV-2 antibody signals (OD/CO ratios) using longitudinal samples, collected in April 2020 and prior to February 2020 (pre-outbreak). Signals are shown separately for seroconverting donors (left) and false-reactive (non-seroconverting) donors (right). To assess the consistency of false-reactive test results, archived samples of multiple associated pre-outbreak donations were tested, if available (right).



Supplementary Table 1 Prevalence of anti-SARS-CoV-2 antibodies in the Netherlands; 1-15 April 2020.
Numbers and percentages are given by region of residence (municipal health region), sex and age group.

Region of residence (municipal health region)	Donors tested		% Positive	False-reactive	Negative	Sex		Age group					General population	Tested per 10,000
	Positive					Men	Women	Age 18-30 yrs	Age 31-40 yrs	Age 41-50 yrs	Age 51-60 yrs	Age 61-72 yrs		
Brabant-Zuid Oost	105	10	9.5%	0	95	7/65 (10.8%)	3/40 (7.5%)	2/16 (12.5%)	0/12 (0.0%)	1/23 (4.3%)	5/18 (27.8%)	2/36 (5.6%)	766,745	1.37
Noord en Midden Limburg	277	19	6.9%	1	257	9/136 (6.7%)	10/141 (7.1%)	3/27 (11.1%)	3/25 (12.0%)	4/58 (6.9%)	6/96 (6.3%)	3/71 (4.2%)	518,155	5.35
Hart voor Brabant	617	36	5.8%	0	581	20/295 (6.8%)	16/322 (5.0%)	8/82 (9.8%)	3/78 (3.8%)	5/119 (4.2%)	8/184 (4.3%)	12/154 (7.8%)	1,058,365	5.83
West-Brabant	216	9	4.2%	0	207	3/116 (2.6%)	6/100 (6.0%)	2/22 (9.1%)	0/15 (0.0%)	1/53 (1.9%)	5/68 (7.4%)	1/58 (1.7%)	702,870	3.07
Zuid Limburg	445	16	3.6%	1	428	8/212 (3.8%)	8/233 (3.4%)	3/55 (5.5%)	1/56 (1.8%)	1/76 (1.3%)	4/136 (2.9%)	7/122 (5.7%)	599,000	7.43
Twente	254	9	3.5%	2	243	5/128 (3.9%)	4/126 (3.2%)	4/56 (7.1%)	2/41 (4.9%)	0/40 (0.0%)	1/65 (1.5%)	2/52 (3.8%)	627,745	4.05
Utrecht	514	18	3.5%	4	492	9/280 (3.2%)	9/234 (3.8%)	5/63 (7.9%)	3/68 (4.4%)	4/114 (3.5%)	4/155 (2.6%)	2/114 (1.8%)	947,960	5.42
Amsterdam	183	6	3.3%	3	174	2/79 (2.5%)	4/104 (3.8%)	3/56 (5.4%)	0/38 (0.0%)	2/32 (6.2%)	0/28 (0.0%)	1/29 (3.4%)	1,046,450	1.75
Gelderland-Zuid	276	9	3.3%	0	267	7/140 (5.0%)	2/136 (1.5%)	2/76 (2.6%)	0/27 (0.0%)	0/37 (0.0%)	3/67 (4.5%)	4/69 (5.8%)	553,630	4.99
Noord en Oost Gelderland	279	8	2.9%	0	271	4/132 (3.0%)	4/147 (2.7%)	1/38 (2.6%)	1/33 (3.0%)	3/58 (5.2%)	1/92 (1.1%)	2/58 (3.4%)	821,125	3.40
Volksgezondheid Utrecht	273	7	2.6%	0	266	4/135 (3.0%)	3/138 (2.2%)	4/120 (3.3%)	1/46 (2.2%)	1/37 (2.7%)	0/40 (0.0%)	1/30 (3.3%)	347,480	7.86
Hollands Noorden	340	8	2.4%	1	331	3/178 (1.7%)	5/162 (3.1%)	1/53 (1.9%)	2/22 (9.1%)	2/61 (3.3%)	1/112 (0.9%)	2/92 (2.2%)	655,200	5.19
Kennemerland	148	3	2.0%	2	143	2/65 (3.1%)	1/83 (1.2%)	0/24 (0.0%)	0/19 (0.0%)	1/39 (2.6%)	1/40 (2.5%)	1/26 (3.8%)	541,620	2.73
Zuid Holland-Zuid	323	6	1.9%	1	316	3/172 (1.7%)	3/151 (2.0%)	2/61 (3.3%)	1/50 (2.0%)	1/61 (1.6%)	1/89 (1.1%)	1/62 (1.6%)	490,180	6.59
Groningen	216	4	1.9%	2	210	2/104 (1.9%)	2/112 (1.8%)	0/76 (0.0%)	1/23 (4.3%)	0/25 (0.0%)	1/48 (2.1%)	2/44 (4.5%)	582,940	3.71
IJsselland	328	6	1.8%	2	320	2/167 (1.2%)	4/161 (2.5%)	3/43 (7.0%)	1/44 (2.3%)	1/65 (1.5%)	0/103 (0.0%)	1/73 (1.4%)	523,560	6.26
Zaanstreek/Waterland	221	4	1.8%	1	216	4/112 (3.6%)	0/109 (0.0%)	0/32 (0.0%)	1/27 (3.7%)	0/38 (0.0%)	2/78 (2.6%)	1/46 (2.2%)	334,740	6.60
Hollands Midden	657	10	1.5%	4	643	6/407 (1.5%)	4/250 (1.6%)	5/125 (4.0%)	1/77 (1.3%)	0/102 (0.0%)	3/196 (1.5%)	1/157 (0.6%)	794,340	8.27
Zeeland	238	3	1.3%	1	234	1/134 (0.7%)	2/104 (1.9%)	1/33 (3.0%)	0/25 (0.0%)	2/45 (4.4%)	0/69 (0.0%)	0/66 (0.0%)	382,325	6.23
Haaglanden	399	5	1.3%	2	392	3/228 (1.3%)	2/171 (1.2%)	3/61 (4.9%)	1/56 (1.8%)	0/70 (0.0%)	1/119 (0.8%)	0/93 (0.0%)	1,093,180	3.65
Drenthe	158	1	0.6%	0	157	0/74 (0.0%)	1/84 (1.2%)	0/17 (0.0%)	0/18 (0.0%)	0/32 (0.0%)	1/56 (1.8%)	0/35 (0.0%)	492,005	3.21
Gelderland Midden	203	1	0.5%	1	201	0/109 (0.0%)	1/94 (1.1%)	0/26 (0.0%)	0/22 (0.0%)	1/40 (2.5%)	0/59 (0.0%)	0/56 (0.0%)	685,150	2.96
Rotterdam-Rijnmond	237	1	0.4%	0	236	1/136 (0.7%)	0/101 (0.0%)	0/42 (0.0%)	0/27 (0.0%)	1/36 (2.8%)	0/74 (0.0%)	0/58 (0.0%)	1,303,205	1.82
Fryslân	389	1	0.3%	2	386	0/199 (0.0%)	1/190 (0.5%)	0/42 (0.0%)	0/27 (0.0%)	0/82 (0.0%)	0/116 (0.0%)	1/122 (0.8%)	647,260	6.01
Flevoland	34	0	0.0%	0	34	0/20 (0.0%)	0/14 (0.0%)	0/4 (0.0%)	0/4 (0.0%)	0/4 (0.0%)	0/13 (0.0%)	0/9 (0.0%)	411,675	0.83
Gooi en Vechtstreek	26	0	0.0%	0	26	0/17 (0.0%)	0/9 (0.0%)	0/1 (0.0%)	0/2 (0.0%)	0/5 (0.0%)	0/9 (0.0%)	0/9 (0.0%)	252,975	1.03
Abroad (Belgium, Germany)	5	0	0.0%	0	5	0/4 (0.0%)	0/1 (0.0%)	-	-	0/2 (0.0%)	0/2 (0.0%)	0/1 (0.0%)	n.a.	n.a.
Total	7,361	200	2.7%	30	7,131	105/3,844 (2.7%)	95/3,517 (2.7%)	52/1,251 (4.2%)	22/882 (2.5%)	31/1,354 (2.3%)	48/2,132 (2.3%)	47/1,742 (2.7%)	17,179,880	4.28