

Table 3 Prevalence of transfusion transmissible infection markers in donated blood in the Islamic Republic of Iran before (2019) and during (2020) the COVID 19 pandemic

Item	Year, method		Odds ratio	95% CI	P-value
	2019, ELISA	2020, ECL & CL			
Donations (No.)	1 725 882	1 581 180			
Infection marker	No. (%)	No. (%)			
HIV	48 (0.0028)	60 (0.0038)	1.36	0.93–1.99	0.1299
HCV	278 (0.0161)	316 (0.0200)	1.24	1.06–1.46	0.0097
HBV	629 (0.0364)	708 (0.0448)	1.23	1.10–1.37	0.0002
HTLV	146 (0.0085)	138 (0.0087)	1.03	0.82–1.30	0.8387

ELISA = enzyme-linked immunosorbent assay.

ECL = electrochemiluminescence.

CL = chemiluminescence.

CI = confidence interval.

HIV = human immunodeficiency virus.

HCV = hepatitis C virus.

HBV = hepatitis B virus.

HTLV = human T-lymphotropic virus.