

Supplementary

Table S1. Studies of HEV PCR positivity rates of blood donors worldwide.

Author	Year	Country	Number of tested blood donors
Fu et al. ^[18]	2021	China	1864
Mishra et al. ^[19]	2021	India	13050
Al Dossary et al. ^[20]	2021	Saudi Arabia	806
Cordes et al. ^[21]	2021	Germany	16236
Spreatico et al. ^[22]	2020	Italy	9726
Maponga et al. ^[23]	2020	South Africa	10000
Spada et al. ^[24]	2019	Italy	3912
Tsoi et al. ^[25]	2019	China	8000
Vercouter et al. ^[26]	2019	Belgium	38137
Lhomme et al. ^[27]	2019	France	188082
Harvala et al. ^[28]	2019	England	1838747
Vollmer et al. ^[29]	2019	Germany	7650
Intharasongkroh et al. ^[30]	2019	Thailand	30112
Katiyar et al. ^[31]	2018	India	1799
Wen et al. ^[32]	2018	China	5345
Spada et al. ^[33]	2018	Italy	9141
Thom et al. ^[34]	2018	Scotland	94302
Westhölter et al. ^[35]	2018	Germany	18737
Grabarczyk et al. ^[36]	2018	Poland	12664
Hewitt et al. ^[37]	2018	New Zealand	5000
Hoad et al. ^[38]	2017	Australia	74131
Roth et al. ^[39]	2017	USA	128020
Fearon et al. ^[40]	2017	Canada	13993
Gallian et al. ^[41]	2017	France	31879
Minagi et al. ^[42]	2016	Japan	512564
Shrestha et al. ^[43]	2016	Australia	14799
Vollmer et al. ^[44]	2016	Germany	16125
O’Riordan et al. ^[45]	2016	Ireland	24985
Nouhin et al. ^[46]	2016	Cambodia	301
Harritshøj et al. ^[47]	2016	Denmark	25637
Schreuder et al. ^[48]	2015	South Caribbean	600
Stramer et al. ^[49]	2015	USA	18829
Fischer et al. ^[50]	2015	Austria	58915

Sauleda et al. ^[51]	2015	Spain	9998
Petrović et al. ^[52]	2014	Serbia	200
Slot et al. ^[53]	2013	Netherland	40176
Xu et al. ^[54]	2013	USA	1939
Cleland et al. ^[55]	2013	Scotland	43560
Meldal et al. ^[56]	2013	Ghana	239
Vollmer et al. ^[57]	2012	Germany	200
Guo et al. ^[58]	2010	China	44816
Herremans et al. ^[59]	2007	Netherland	50
Khuroo et al. ^[60]	2004	India	107
Arankalle et al. ^[61]	1999	India	200

Table S2. Studies of HEV seroprevalence of blood donors worldwide.

Author	Year	Country	Number of tested blood donors
Al Dossary et al. ^[20]	2021	Saudi Arabia	806
Costa et al.† ^[62]	2021	Brazil	80
Fu et al.† ^[18]	2021	China	1864
Wong et al.† ^[63]	2021	Malaysia	1003
Baymakova et al. ^[64]	2021	Bulgaria	555
Di Lello et al. ^[65]	2020	Argentina	391
Maponga et al. ^[23]	2020	South Africa	250
Banguesses et al. ^[66]	2020	Uruguay	400
Spreafico et al. ^[22]	2020	Italy	767
Capai et al. ^[67]	2020	France	2705
Spada et al.† ^[24]	2019	Italy	3912
Yroni et al.† ^[68]	2019	France	99
Arce et al. ^[69]	2019	Argentina	813
Capai et al. ^[70]	2019	France	467
Jupattanasin et al. ^[71]	2019	Thailand	630
Yaşar et al. ^[72]	2019	Turkey	4022
Moss da Silva et al. ^[73]	2019	Brazil	281
Miletić et al.† ^[74]	2019	Croatia	1036
Twagirumugabe et al. ^[75]	2019	Rwanda	642
Slavov et al. ^[76]	2019	Brazil	91
Chen et al.† ^[77]	2019	China	4041
Dimeglio et al.† ^[78]	2018	French Polynesia	300
Tripathy et al.† ^[79]	2018	India	2447
Niederhauser et al. ^[80]	2018	Switzerland	3609
Katiyar et al. ^[31]	2018	India	613

Hardtke et al. ^[81]	2018	Brazil	199
Al-Absi et al. ^{†[82]}	2018	Qatar	1049
Bura et al. ^[83]	2018	Poland	110
Wen et al. ^{†[32]}	2018	China	5345
Spada et al. ^[33]	2018	Italy	9141
Mooij et al. ^[84]	2018	Netherland	1562
Thom et al. ^[34]	2018	Scotland	1714
Grabarczyk et al. ^{†[36]}	2018	Poland	3079
Hewitt et al. ^[37]	2018	New Zealand	1013
Juhl et al. ^[85]	2017	Germany	357
Galli et al. ^[86]	2017	Italy	1370
Bura et al. ^[87]	2017	Poland	105
Passos-Castilho et al. ^[88]	2017	Brazil	500
Bura et al. ^[89]	2017	Poland	246
Pandolfi et al. ^[90]	2017	Brazil	780
Gupta et al. ^{†[91]}	2016	Nepal	581
Nasrallah et al. ^{†[92]}	2017	Qatar	5854
Slot et al. ^[93]	2017	Netherland	850
Fearon et al. ^[40]	2017	Canada	4102
Lopes et al. ^{†[94]}	2017	South Africa	300
Wang et al. ^{†[95]}	2017	China	4046
Abravanel et al. ^{†[96]}	2017	France	600
De Sabato et al. ^[97]	2017	Italy	170
Shrestha et al. ^{†[98]}	2016	Nepal	1845
Lange et al. ^{†[99]}	2016	Norway	1200
Parsa et al. ^{†[100]}	2016	Iran	700
O’Riordan et al. ^[45]	2016	Ireland	1071
Lucarelli et al. ^[101]	2016	Italy	313
Nouhin et al. ^{†[46]}	2016	Cambodia	301
Heamizadeh et al. ^[102]	2016	Iran	559
Mansuy et al. ^{†[103]}	2016	France	10569
Traoré et al. ^{†[104]}	2016	Burkina Faso	1497
Ricco et al. ^{†[105]}	2016	Italy	199
Naeimi et al. ^[106]	2015	Iran	628
Schreuder et al. ^{†[48]}	2015	South Caribbean	600
Norder et al. ^{†[107]}	2015	Sweden	500
Puttini et al. ^[108]	2015	Italy	132
Sarkar et al. ^[109]	2015	USA	63

Passos-Castilho et al. ^[110]	2015	Brazil	300
Mansuy et al. ^{†[111]}	2015	France	3353
Holm et al. ^[112]	2015	Denmark	504
Fischer et al. ^[50]	2015	Austria	1203
Sauleda et al. ^[51]	2014	Spain	1082
Shrestha et al. ^[113]	2014	Australia	3237
Ben-Ayed et al. ^[114]	2014	Tunisia	426
Petrović et al. ^[52]	2014	Serbia	158
Zhuang et al. ^[115]	2014	China	486
Hogema et al. ^[116]	2014	Netherland	6488
Pittaras et al. ^[117]	2014	Greece	265
Ren et al. ^{†[118]}	2014	China	9719
Jahromi et al. ^{†[119]}	2013	Iran	477
Ramezani et al. ^{†[120]}	2013	Iran	52
Slot et al. ^[53]	2013	Netherland	5239
Johargy et al. ^{†[121]}	2013	Saudi Arabia	900
Xu et al. ^{†[54]}	2013	USA	1939
Ehteram et al. ^[122]	2013	Iran	530
Cleland et al. ^{†[55]}	2013	Scotland	2087
Scotto et al. ^{†[123]}	2013	Italy	151
Juhl et al. ^[124]	2013	Germany	1019
Traoré et al. ^[125]	2012	Burkina Faso	178
Meldal et al. ^{†[56]}	2012	Ghana	239
Vollmer et al. ^{†[57]}	2012	Germany	200
Silva et al. ^[126]	2012	Brazil	110
Cheng et al. ^[127]	2012	China	546
Neffati et al. ^[128]	2012	Tunisia	687
Dremsek et al. ^[129]	2011	Germany	298
Mansuy et al. ^[130]	2011	France	512
Dong et al. ^[131]	2011	USA	372
Krumbholz et al. ^[132]	2011	Germany	116
Kaufmann et al. ^[133]	2011	Switzerland	550
Beale et al. ^[134]	2010	England	262
Takeda et al. ^[135]	2010	Japan	12600
Guo et al. ^{†[58]}	2010	China	44816
Masia et al. ^[136]	2009	Italy	402
Christensen et al. ^[137]	2008	Denmark	630
Dalton et al. ^[138]	2008	England	500

Mansuy et al. ^[139]	2008	France	529
Assarehzadegan et al. ^[140]	2008	Iran	400
Taremi et al. ^[141]	2007	Iran	399
Dalton et al. ^[142]	2007	New Zealand	265
Boutrouille et al. ^[143]	2007	France	1998
Herremans et al. ^{†[59]}	2007	Netherland	50
Bortoliero et al. ^[144]	2006	Brazil	996
Fukuda et al. ^[145]	2004	Japan	4256
Khuroo et al. ^[60]	2004	India	107
Engle et al. ^[146]	2002	USA	230
Meng et al. ^[147]	2002	USA	400
Kiesslich et al. ^[148]	2002	Brazil	227
Trinta et al. ^[149]	2001	Brazil	93
Arankalle et al. ^{†[61]}	2000	India	412
Gonçales et al. ^[150]	2000	Brazil	165
Lemos et al. ^{†[151]}	2000	Cuba	1149
Jutavijittum et al. ^[152]	2000	Thailand	636
Arankalle et al. ^[61]	1999	India	200
Karetnyi et al. ^[153]	1999	USA	443
Konomi et al. ^{†[154]}	1999	Bolivia	574
Seow et al. ^[155]	1999	Malaysia	100
Mateos et al. ^[156]	1999	Spain	863
Dalekos et al. ^[157]	1998	Greece	3016
Abdelaal et al. ^[158]	1998	Saudi Arabia	593
Pavia et al. ^[159]	1998	Italy	360
Araujo et al. ^[160]	1997	Portugal	341
Mast et al. ^[161]	1997	USA	5000
Thomas et al. ^[162]	1997	USA	811
Rey et al. ^[163]	1997	Argentina	2157
Poovorawan et al. ^[164]	1996	Thailand	178
Bernal et al. ^[165]	1995	Spain	492
Zaaijier et al. ^[166]	1995	Netherland	1275
Moavenm et al. ^[167]	1995	Australia	279
Peng et al. ^[168]	1995	Taiwan	281
Zanetti et al. ^[169]	1994	Italy	948
Lavanchy et al. ^[170]	1994	Switzerland	94
Gajjar et al. ^{‡[171]}	2014	India	460

Utba et al.‡ ^[172]	2013	Iraq	212
Ibrahim et al.‡ ^[173]	2011	Egypt	760

† anti-HEV IgG and IgM

‡ only anti-HEV IgM
