

SUPPLEMENTAL TABLE 1

Normal and elevated values of three clinically relevant transferases (aspartate transaminase, alanine transaminase, and gamma-glutamyl transferase) induced by imported infectious diseases among 14,559 diseased German travelers returning from the tropics and subtropics (cases)

Class	Transferases (EC 2)										Proportion among cases or controls (%)		
	Transaminases (EC 2.6.1)					Acytransferases (EC 2.6.3)							
	AST (EC 2.6.1.1)		ALT (EC 2.6.1.2)		Transaminases (EC 2.6.1)		GGT (EC 2.3.2.2)		Aminoacyltransferases (EC 2.3.2)				
Subclass	Sub-subclass	Enzyme	Values	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated	Total (%): Normal + elevated values
Cases and controls	Cases	%	13,428	1,131	274	12,607	1,952	518	13,099	1,460	495	14,559	100
	95% CI		92.23	7.77	1.88	86.59	13.41	3.56	89.97	10.03	3.40	100	
	Controls	%	91,80-92.67	7.33-8.20	1.66-2.10	86.04-87.15	12.85-13.96	3.26-3.86	89.48-90.46	9.54-10.52	3.11-3.69	100	
	95% CI		1,475	61	6	1,374	162	23	1,361	175	54	1,536	100
	95% CI		96.03	3.97	0.39	89.45	10.55	1.50	88.61	11.39	3.52	100	
Demographic data of cases and controls													
Sex	Cases, females	%	6,952	680	163	6,730	902	250	7,019	613	205	7,632	52.42
	95% CI		91.09	8.91	2.14	88.18	11.82	3.28	91.97	8.03	2.69	100	
	Controls, females	%	551	32	4	547	36	10	540	43	19	583	37.96
	95% CI		94.51	5.49	0.69	93.83	6.17	1.72	92.62	7.38	3.26	100	
	Cases, males	%	92,66-96.36	3.64-7.34	0.02-1.36	91.87-95.78	4.22-8.13	0.66-2.77	90.50-94.75	5.25-9.50	1.82-4.70	6,927	47.58
	95% CI		6,476	451	111	5,877	1,050	268	6,080	847	290	6,927	100
	Controls, males	%	93.49	6.51	1.60	84.84	15.16	3.87	87.77	12.23	4.19	100	
	95% CI		92.91-94.07	5.93-7.09	1.31-1.90	84.00-85.69	14.31-16.00	3.41-4.32	87.00-88.54	11.46-13.00	3.71-4.66	953	62.04
	95% CI		96.96	3.04	0.21	86.78	13.22	1.36	86.15	13.85	3.67	100	
	95% CI		95.87-98.05	1.95-4.13	0-0.50	84.63-88.93	11.07-15.37	0.63-2.10	83.96-88.34	11.66-16.04	2.48-4.87	684	4.70
Age groups	Cases, 0-19 y	%	637	47	19	629	55	22	638	46	17	684	4.70
	95% CI		93.13	6.87	2.78	91.96	8.04	3.22	93.27	6.73	2.49	100	
	Controls, 0-19 y	%	91,23-95.02	4.98-8.77	1.55-4.01	89.92-94.00	6.00-10.08	1.89-4.54	91.40-95.15	4.85-8.60	1.32-3.65	126	8.20
	95% CI		121	5	1	121	5	1	125	1	0	126	
	Cases, 20-64 y	%	96.03	3.97	0.79	96.03	3.97	0.79	99.21	0.79	0	100	
	95% CI		92.62-99.44	0.56-7.38	0-2.34	92.62-99.44	0.56-7.38	0-2.34	97.66-100	0-2.34	NA	13,096	89.95
	Controls, 20-64 y	%	12,082	1,014	244	11,290	1,806	473	11,821	1,275	428	13,096	100
	95% CI		92.26	7.74	1.86	86.21	13.79	3.61	90.26	9.74	3.27	100	
	95% CI		91.80-92.71	7.29-8.20	1.63-2.09	85.62-86.80	13.20-14.38	3.29-3.93	89.76-90.77	9.23-10.24	2.96-3.57	1,325	86.26
	95% CI		1,274	51	4	1,181	144	21	1,179	146	40	1,325	100
Cases, 65-92 y	%	91.01	8.99	0.41	88.32	11.68	2.95	82.16	17.84	6.42	779	5.35	
95% CI		89.01-93.02	6.98-10.99	0.49-2.07	86.06-90.57	9.43-13.94	1.76-4.14	79.47-84.85	15.15-20.53	4.70-8.14	100		
Controls, 65-92 y	%	94.12	5.88	1.18	84.71	15.29	1.18	67.06	32.94	16.47	85	5.53	
95% CI		89.12-99.12	0.88-10.88	0-3.47	77.05-92.36	7.64-22.95	0-3.47	57.07-77.05	22.95-42.93	8.59-24.36	100		

(continued)

SUPPLEMENTAL TABLE 1  
Continued

Class	Transferrases (EC 2)												Total (%): Normal + elevated values	Proportion among cases or controls (%)
	Transferrases transferring nitrogenous groups (EC 2.6)						Acyltransferases (EC 2.3)							
	AST (EC 2.6.1.1)			ALT (EC 2.6.1.2)			Aminoacyltransferases (EC 2.3.2)			GGT (EC 2.3.2.2)				
	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated		
Travel data (only cases)														
Travel duration														
1-14 days	4,485	339	81	4,160	664	168	4,272	552	164	4,824	33.13			
%	92.97	7.03	1.68	86.24	13.76	3.48	88.56	11.44	3.40	100				
95% CI	92.25-93.69	6.31-7.75	1.32-2.04	85.26-87.21	12.79-14.74	2.97-4.00	87.66-89.46	10.54-12.34	2.89-3.91					
15-30 days	5,087	469	111	4,799	757	200	4,967	589	201	5,556	38.16			
%	91.56	8.44	2.00	86.38	13.62	3.60	89.40	10.60	3.62	100				
95% CI	90.83-92.29	7.71-9.17	1.63-2.37	85.47-87.28	12.72-14.53	3.11-4.09	88.59-90.21	9.79-11.41	3.13-4.11					
> 30 days	3,856	323	82	3,648	531	150	3,860	319	150	4,179	28.70			
%	92.27	7.73	1.96	87.29	12.71	3.59	92.37	7.63	3.59	100				
95% CI	91.46-93.08	6.92-8.54	1.54-2.38	86.28-88.30	11.70-13.72	3.03-4.15	91.56-93.17	6.83-8.44	3.03-4.15					
Travel destination														
Asia	6,653	617	151	6,234	1,036	286	6,555	715	254	7,270	49.93			
%	91.51	8.49	2.08	85.75	14.25	3.93	90.17	9.83	3.49	100				
95% CI	90.87-92.15	7.85-9.13	1.75-2.40	84.95-86.55	13.45-15.05	3.49-4.38	89.48-90.85	9.15-10.52	3.07-3.92					
Africa	4,248	326	84	3,990	584	146	4,070	504	161	4,574	31.42			
%	92.87	7.13	1.84	87.23	12.77	3.19	88.98	11.02	3.52	100				
95% CI	92.13-93.62	6.38-7.87	1.45-2.23	86.27-88.20	11.80-13.73	2.68-3.70	88.07-89.89	10.11-11.93	2.99-4.05					
Latin America	2,527	188	39	2,383	188	86	2,474	241	80	2,715	18.65			
%	93.08	6.92	1.44	92.69	7.31	3.35	91.12	8.88	2.95	100				
95% CI	92.12-94.03	5.97-7.88	0.99-1.88	91.68-93.69	6.31-8.32	2.65-4.04	90.05-92.19	7.81-9.95	2.31-3.58					
Type of travel														
Backpacker	7,222	632	140	6,827	1,027	266	7,135	719	232	7,854	53.95			
%	91.95	8.05	1.78	86.92	13.08	3.39	90.85	9.15	2.95	100				
95% CI	91.35-92.55	7.45-8.65	1.49-2.08	86.18-87.67	12.33-13.82	2.99-3.79	90.21-91.48	8.52-9.79	2.58-3.33					
All-inclusive traveler	2,661	215	60	2,478	398	100	2,506	370	126	2,876	19.75			
%	92.52	7.48	2.09	86.16	13.84	3.48	87.13	12.87	4.38	100				
95% CI	91.56-93.49	6.51-8.44	1.56-2.61	84.90-87.42	12.58-15.10	2.81-4.15	85.91-88.36	11.64-14.09	3.63-5.13					
Business traveler	1,638	127	32	1,638	127	32	1,575	190	67	1,765	12.12			
%	92.80	7.20	1.81	92.80	7.20	1.81	89.24	10.76	3.80	100				
95% CI	91.60-94.01	5.99-8.40	1.19-2.44	91.60-94.01	5.99-8.40	1.19-2.44	87.79-90.68	9.32-12.21	2.90-4.69					
Other types of travel	1,907	157	42	1,664	400	120	1,883	181	75	2,064	14.18			
%	92.39	7.61	2.03	80.62	19.38	5.81	91.23	8.77	3.63	100				
95% CI	91.25-93.54	6.46-8.75	1.43-2.64	78.91-82.33	17.67-21.09	4.80-6.82	90.01-92.45	7.55-9.99	2.83-4.44					
Symptoms (only cases)														
Diarrhea	5,915	454	83	5,524	845	164	5,854	515	155	6,369	43.75			
%	92.87	7.13	1.30	86.73	13.27	2.57	91.91	8.09	2.43	100				
95% CI	92.24-93.50	6.50-7.76	1.02-1.58	85.90-87.57	12.43-14.10	2.19-2.96	91.24-92.58	7.42-8.76	2.06-2.81					
Fever	3,868	570	174	3,649	789	259	3,806	632	243	4,438	30.48			
%	87.16	12.84	3.92	82.22	17.78	5.84	85.76	14.24	5.48	100				
95% CI	86.17-88.14	11.86-13.83	3.35-4.49	81.10-83.35	16.65-18.90	5.15-6.53	84.73-86.79	13.21-15.27	4.81-6.14					

(continued)

SUPPLEMENTAL TABLE 1  
Continued

Class	Transferrases (EC 2)												Proportion among cases or controls (%)		
	Transferrases transferring nitrogenous groups (EC 2.6)						Acyltransferases (EC 2.3)								
	AST (EC 2.6.1.1)			ALT (EC 2.6.1.2)			Aminoacyltransferases (EC 2.3.2)			GGT (EC 2.3.2.2)					
Subclass	Transferrases (EC 2)												Total (%): Normal + elevated values		
Sub-subclass	Transaminases (EC 2.6.1)						Transferrases (EC 2.6.1.2)								
Enzyme	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated
Nausea	2,748	247	54	2,590	405	98	2,765	230	80	2,995	20.57				
%	91.75	8.25	1.80	86.48	13.52	3.27	92.32	7.68	2.67	100					
95% CI	90.77-92.74	7.26-9.23	1.33-2.28	85.25-87.70	12.30-14.75	2.63-3.91	91.37-93.27	6.73-8.63	2.09-3.25						
Skin disorders	1,973	177	40	1,856	294	72	1,893	257	76	2,150	14.77				
%	91.77	8.23	1.86	86.33	13.67	3.35	88.05	11.95	3.53	100					
95% CI	90.61-92.93	7.07-9.39	1.29-2.43	84.87-87.78	12.22-15.13	2.59-4.11	86.68-89.42	10.58-13.32	2.75-4.32						
Arthralgia	1,677	203	56	1,554	326	90	1,611	269	102	1,880	12.91				
%	89.20	10.80	2.98	82.66	17.34	4.79	85.69	14.31	5.43	100					
95% CI	87.80-90.61	9.39-12.20	2.21-3.75	80.95-84.37	15.63-19.05	3.82-5.75	84.11-87.27	12.73-15.89	4.40-6.45						
Viral infectious diseases (only cases)															
Dengue fever	141	107	30	161	87	40	202	46	15	248	1.70				
%	56.85	43.15	12.10	64.92	35.08	16.13	81.45	18.55	6.05	100					
95% CI	50.69-63.02	36.98-49.31	8.04-16.16	58.98-70.86	29.14-41.02	11.55-20.71	76.61-86.29	13.71-23.39	3.08-9.02						
Infectious mononucleosis	18	33	24	12	39	30	15	36	24	51	0.35				
%	35.29	64.71	47.06	23.53	76.47	58.82	29.41	70.59	47.06	100					
95% CI	22.18-48.41	51.59-77.82	33.36-60.76	11.89-35.17	64.83-88.11	45.32-72.33	16.91-41.92	58.08-83.09	33.36-60.76						
CMV inf.	6	20	12	5	21	17	11	15	8	26	0.18				
%	23.08	76.92	46.15	19.23	80.77	65.38	42.31	57.69	30.77	100					
95% CI	6.88-39.27	60.73-93.12	26.99-65.32	4.08-34.38	65.62-95.92	47.10-83.67	23.32-61.30	38.70-76.68	13.03-48.51						
Herpes simplex	17	3	1	17	3	1	17	3	1	20	0.14				
%	85.00	15.00	5.00	85.00	15.00	5.00	85.00	15.00	5.00	100					
95% CI	69.35-100	0-30.65	0-14.55	69.35-100	0-30.65	0-14.55	69.35-100	0-30.65	0-14.55						
Chikungunya	14	4	2	13	5	3	14	4	1	18	0.12				
%	77.78	22.22	11.11	72.22	27.78	16.67	77.78	22.22	5.56	100					
95% CI	58.57-96.98	3.02-41.43	0-25.63	51.53-92.91	7.09-48.47	0-33.88	58.57-96.98	3.02-41.43	0-16.14						
Chronic hepatitis C	4	8	0	4	8	3	8	4	2	12	0.08				
%	33.33	66.67	0	33.33	66.67	25.00	66.67	33.33	16.67	100					
95% CI	6.66-60.01	39.99-93.34	NA	6.66-60.01	39.99-93.34	0.50-49.50	39.99-93.34	6.66-60.01	0-37.75						
Herpes zoster	11	0	0	11	0	0	11	0	0	11	0.08				
%	100	0	0	100	0	0	100	0	0	100					
95% CI	NA	NA	NA	NA	NA	NA	NA	NA	NA						
Asymptomatic HIV inf.	10	4	0	8	3	1	8	3	1	11	0.08				
%	90.91	9.09	0	72.73	27.27	9.09	72.73	27.27	9.09	100					
95% CI	73.92-100	0-26.08	NA	46.41-99.05	0.95-53.59	0-26.08	46.41-99.05	0.95-53.59	0-26.08						
Acute HIV inf.	5	3	0	5	3	0	6	2	0	8	0.05				
%	62.50	37.50	0	62.50	37.50	0	75.00	25.00	0	100					
95% CI	28.65-96.05	3.95-71.05	NA	28.65-96.05	3.95-71.05	NA	44.99-100	0-55.01	NA						
Hepatitis A	0	8	8	0	8	8	0	8	6	8	0.05				
%	0	100	100	0	100	100	0	100	75.00	100					
95% CI	NA	NA	NA	NA	NA	NA	NA	NA	44.99-100						

(continued)

Supplemental Table 1  
Continued

Class	Transferrases (EC 2)												Total (%): Normal + elevated values	Proportion among cases or controls (%)
	Transferrases transferring nitrogenous groups (EC 2.6)				Transaminases (EC 2.6.1)				Acyltransferases (EC 2.3)					
Subclass	AST (EC 2.6.1.1)				ALT (EC 2.6.1.2)				Aminoacyltransferases (EC 2.3.2)				GGT (EC 2.3.2.2)	
Sub-subclass	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated		
Enzyme	Values	Values	Values	Values	Values	Values	Values	Values	Values	Values	Values	Values		
<b>Bacterial infectious diseases (only cases)</b>														
<i>Campylobacter</i> inf.	514	39	5	491	62	15	514	39	7	514	39	7	553	3.80
95% CI	92.95	7.05	0.90	88.79	11.21	2.71	92.95	7.05	1.27	92.95	7.05	1.27	100	
Shigellosis	191	11	2	184	18	3	191	11	4	191	11	4	202	1.39
95% CI	94.55	5.45	0.99	91.09	8.91	1.49	94.55	5.45	1.98	94.55	5.45	1.98	100	
Salmonellosis	174	25	7	171	28	9	183	16	7	183	16	7	199	1.37
95% CI	87.44	12.56	3.52	85.93	14.07	4.52	91.96	8.04	3.52	91.96	8.04	3.52	100	
Rickettsiosis	56	14	3	53	17	3	56	14	5	56	14	5	70	0.48
95% CI	82.83-92.04	7.96-17.17	0.96-6.08	81.10-90.76	9.24-18.90	1.64-7.41	88.18-95.74	4.26-11.82	0.96-6.08	88.18-95.74	4.26-11.82	0.96-6.08	100	
Typhoid fever	80.00	20.00	4.29	75.71	24.29	4.29	80.00	20.00	7.14	80.00	20.00	7.14	100	
95% CI	70.63-89.37	10.63-29.37	0-9.03	65.67-85.76	14.24-34.33	0-9.03	70.63-89.37	10.63-29.37	1.11-13.18	70.63-89.37	10.63-29.37	1.11-13.18	14	0.10
Paratyphoid fever	7	7	0	7	7	1	13	1	0	13	1	0	100	
95% CI	50.00	50.00	0	50.00	50.00	7.14	92.86	7.14	0	92.86	7.14	0	100	
Noninv.	23.81-76.19	23.81-76.19	NA	23.81-76.19	23.81-76.19	0-20.63	79.37-100	0-20.63	NA	79.37-100	0-20.63	NA	12	0.08
95% CI	58.33	41.67	16.67	58.33	41.67	25.00	83.33	16.67	2	83.33	16.67	2	100	
Protozoan infectious diseases (only cases)														
<i>Blastocystis hominis</i> inf.	803	58	7	762	99	18	811	50	8	811	50	8	861	5.91
95% CI	93.26	6.74	0.81	88.50	11.50	2.09	94.19	5.81	0.93	94.19	5.81	0.93	100	
Giardiasis	592	68	6	527	133	21	632	28	9	632	28	9	660	4.53
95% CI	91.59-94.94	5.06-8.41	0.21-1.41	86.37-90.63	9.37-13.63	1.13-3.05	92.63-95.76	4.24-7.37	0.29-1.57	92.63-95.76	4.24-7.37	0.29-1.57	100	
Noninv.	89.70	10.30	0.91	79.85	20.15	3.18	95.76	4.24	1.36	95.76	4.24	1.36	100	
95% CI	87.38-92.02	7.98-12.62	0.18-1.63	76.79-82.91	17.09-23.21	1.84-4.52	94.22-97.30	2.70-5.78	0.48-2.25	94.22-97.30	2.70-5.78	0.48-2.25	115	0.79
<i>Entamoeba</i> inf.	110	5	0	99	16	1	110	5	1	110	5	1	100	
95% CI	94.78	5.22	0	86.09	13.91	1.74	95.65	4.35	0.87	95.65	4.35	0.87	100	
Malaria	74	19	11	68	25	10	76	17	4	76	17	4	93	0.64
95% CI	90.72-98.85	1.15-9.28	NA	79.76-92.41	7.59-20.24	0-4.13	91.92-93.8	0.62-8.08	0-2.57	91.92-93.8	0.62-8.08	0-2.57	100	
Cryptosporidiosis	44	8	1	39	13	2	50	2	0	50	2	0	52	0.36
95% CI	71.38-87.76	12.24-28.62	5.26-18.39	64.11-82.13	17.87-35.89	4.46-17.05	73.87-89.58	10.42-26.13	0.18-8.42	73.87-89.58	10.42-26.13	0.18-8.42	100	
Cyclosporiasis	84.62	15.38	1.92	75.00	25.00	3.85	96.15	3.85	0	96.15	3.85	0	100	
95% CI	74.81-94.42	5.58-25.19	0-5.66	63.23-86.77	13.23-36.77	0-9.07	90.93-100	0-9.07	NA	90.93-100	0-9.07	NA	38	0.26
95% CI	55.26	44.74	5.26	34.21	65.79	15.79	92.11	7.89	2.63	92.11	7.89	2.63	100	
95% CI	39.45-71.07)	28.93-60.55	0-12.36	19.13-49.29	50.71-80.87	4.20-27.38	83.53-100	0-16.47	0-7.72	83.53-100	0-16.47	0-7.72	100	

(continued)

SUPPLEMENTAL TABLE 1  
Continued

Class	Transferrases (EC 2)												Total (%): Normal + elevated values	Proportion among cases or controls (%)	
	Transferrases transferring nitrogenous groups (EC 2.6)						Acyltransferases (EC 2.3)								
	Transaminases (EC 2.6.1)			ALT (EC 2.6.1.2)			Aminoacyltransferases (EC 2.3.2)			GGT (EC 2.3.2.2)					
	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated	Normal	Elevated	More than 2-fold elevated			
Enzyme	Values														
<i>Dientamoeba fragilis</i> inf. %	17	0	0	17	0	0	17	0	0	0	0	17	0	17	0.12
95% CI	100	0	0	100	0	0	100	0	0	0	0	100	0	100	
Cutaneous leishmaniasis %	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.09
95% CI	12	1	0	11	2	0	11	2	0	0	1	11	2	13	
Invasive <i>Entamoeba</i> inf. %	92.31	7.69	0	84.62	15.38	0	84.62	15.38	0	0	7.69	84.62	15.38	100	
95% CI	77.82–100	0–22.18	NA	65.00–100	0–35.00	NA	65.00–100	0–35.00	NA	0–22.18	0–22.18	65.00–100	0–35.00	100	
	8	2	0	8	2	0	8	2	0	2	0	6	4	10	0.07
95% CI	80.00	20.00	0	80.00	20.00	0	80.00	20.00	0	20.00	20.00	60.00	40.00	100	
Trichomoniasis %	55.21–100	0–44.79	NA	55.21–100	0–44.79	0–44.79	29.64–90.36	9.64–70.36	0–44.79	0–44.79	0–44.79	29.64–90.36	9.64–70.36	100	
95% CI	9	1	0	9	1	0	10	0	0	0	0	10	0	10	0.07
Helminthic infectious diseases (only cases)	90.00	10.00	0	90.00	10.00	0	100	0	0	0	0	100	0	100	
Cutaneous larva migrans %	71.41–100	0–28.59	NA	71.41–100	0–28.59	NA	NA	NA	NA	NA	NA	NA	NA	NA	
95% CI	71	2	0	66	7	0	70	3	1	1	1	73	3	73	0.50
Hookworm* inf. %	97.26	2.74	0	90.41	9.59	0	95.89	4.11	1.37	1.37	1.37	95.89	4.11	100	
95% CI	93.52–100	0–6.48	NA	83.66–97.17	2.83–16.34	NA	91.34–100	0–8.66	0–4.04	0–4.04	0–4.04	91.34–100	0–8.66	100	
Schistosomiasis %	46	3	1	42	7	3	40	9	4	4	4	40	9	49	0.34
95% CI	93.88	6.12	2.04	85.71	14.29	6.12	81.63	18.37	8.16	8.16	8.16	81.63	18.37	100	
Hookworm* inf. %	87.16–100	0–12.84	0–6.00	75.92–95.51	4.49–24.08	0–12.84	70.79–92.47	7.53–29.21	0.50–15.83	0.50–15.83	0.50–15.83	70.79–92.47	7.53–29.21	100	
95% CI	18	0	0	15	3	1	17	1	1	1	1	17	1	18	0.12
Trichuriasis %	100	0	0	83.33	16.67	5.56	94.44	5.56	5.56	5.56	5.56	94.44	5.56	100	
95% CI	NA	NA	NA	66.12–100	0–33.88	0–16.14	83.86–100	0–16.14	0–16.14	0–16.14	0–16.14	83.86–100	0–16.14	100	
Ascariasis %	17	1	1	13	5	1	14	4	3	3	3	14	4	18	0.12
95% CI	94.44	5.56	5.56	72.22	27.78	5.56	77.78	22.22	16.67	16.67	16.67	77.78	22.22	100	
Oxyuriasis %	83.86–100	0–16.14	0–16.14	51.53–92.91	7.09–48.47	0–16.14	58.57–96.98	3.02–41.43	0–33.88	0–33.88	0–33.88	58.57–96.98	3.02–41.43	100	
95% CI	14	0	0	14	0	0	14	0	0	0	0	14	0	14	0.10
Ectoparasitic infectious diseases (only cases)	100	0	0	100	0	0	100	0	0	0	0	100	0	100	
Scabies %	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.08
95% CI	12	0	0	11	1	0	11	1	0	0	0	11	1	12	
Summary	100	0	0	91.67	8.33	0	91.67	8.33	0	0	0	91.67	8.33	100	
Total of 33 IDs %	85.46–87.71	12.29–14.54	2.96–4.19	80.16–82.73	17.27–19.84	4.96–6.50	89.56–91.49	8.51–10.44	2.73–3.91	2.73–3.91	2.73–3.91	89.56–91.49	8.51–10.44	100	
95% CI	3,052	473	126	2,871	654	202	3,191	334	117	117	117	3,191	334	3,525	24.21
	86.58	13.42	3.57	81.45	18.55	5.73	90.52	9.48	3.32	3.32	3.32	90.52	9.48	100	
95% CI	85.46–87.71	12.29–14.54	2.96–4.19	80.16–82.73	17.27–19.84	4.96–6.50	89.56–91.49	8.51–10.44	2.73–3.91	2.73–3.91	2.73–3.91	89.56–91.49	8.51–10.44	100	

ALT = alanine transaminase; AST = aspartate transaminase; CI = confidence interval; CMV = cytomegalovirus; EC = Enzyme Commission number; GGT = gamma-glutamyl transferase; HIV = human immunodeficiency virus; inf. = infection; noninv. = non-invasive; NA = not applicable; y = years. In the present controlled cross-sectional study, 1,536 healthy Germans without having recently traveled to the tropics and subtropics served as controls.  
\* *Ancylostoma* spp.