

Risk Groups - Parasites

Note: all parasites are fixed in formalin.

BL indicates the Biosafety Level; RG indicates the Risk Group

ID	Genus	Species	Group	Comments	BL BMBL-93 CDC/NIH	RG NIH rDNA-97	RG LCDC-96 (Canada)	RG EU-96	RG Belgium 97 Annex VIII	RG Australia-95
1	Acanthamoeba	castellani	Protozoa	Australia, esp. A. culbertsoni				2	2	2
2	Acanthamoeba	spp	Protozoa					see 1 spp		
3	Acanthocheilonema	spp	Helminth, Nematode							
4	Ancylostoma	duodenale	Helminth, Nematode	hookworm	2 implied	2	2	2	2	2
5	Ancylostoma	spp	Helminth, Nematode	hookworm	2 implied	2	see 1 sp	see 1 spp		
6	Ancylostoma	ceylanicum	Helminth, Nematode	larval migrans, cat hookworm	2 implied	2				
7	Angiostrongylus	cantonensis	Helminth, Nematode				2 implied	2	2	
8	Angiostrongylus	costaricensis	Helminth, Nematode				2 implied	2	2	
9	Angiostrongylus	spp	Helminth, Nematode				2	see 2 spp		2
10	Ascaris	lumbricoides	Helminth, Nematode	suum separate species in EU	2 implied	2	2 implied	2, A	2	2
11	Ascaris	spp	Helminth, Nematode		2	2	2	see 2 spp		
12	Ascaris	suum	Helminth, Nematode					2	2	
13	Babesia	divergens	Protozoa		2 implied	2	2	2	2 human, 3 animal	2
14	Babesia	microti	Protozoa		2 implied	2	2	2	2	2
15	Babesia	spp	Protozoa		2	2	see 2 spp	see 2 spp		
16	Balantidium	coli	Protozoa				2	2		2
17	Balantidium	spp	Protozoa				see 1 spp	see 1 spp	2	
18	Brugia	malayi	Helminth, Nematode		2 implied	2	2 implied	2	2	
19	Brugia	pahangi	Helminth, Nematode		2 implied	2 implied	2 implied	2	2	
20	Brugia	spp	Helminth, Nematode	filaria worm	2 implied	2	2	see 2 spp		2

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21	Brugia	timori	Helminth, Nematode			2	2 implied			
22	Capillaria	philippinensis	Helminth, Nematode					2	2	
23	Capillaria	spp	Helminth, Nematode					2	2	2
24	Clonorchis	sinensis	Helminth, Trematode				2	2	2	2
25	Clonorchis	spp	Helminth, Trematode				see spp	see 2 spp		
26	Clonorchis	viverrini	Helminth, Trematode					2	2	
27	Coccidia	spp	Protozoa		2	2				
28	Cyclospora	cayetanensis						2	2	
29	Cryptosporidium	parvum	Protozoa		2 implied	2	2 implied	2	2	
30	Cryptosporidium	spp	Protozoa		2	2	2	2	2	
31	Cysticercus	cellulosae	Helminth, Cestode larva	larval T. solium	2 implied	2				
32	Cysticercus	spp	Helminth, Cestode		2	2				
33	Dicrocoelium	spp	Helminths, Trematode							
34	Dipetalonema	perstans	Helminth, Nematode							2
35	Dipetalonema	spp	Helminth, Nematode					see 1 spp		
36	Dipetalonema	streptocerca	Helminth, Nematode					2	2	2
37	Diphyllobothrium	latum	Helminth, Cestode					2	2	2
38	Diphyllobothrium	spp	Helminth, Cestode					see 1 spp		
39	Dipylidium	spp	Helminth, Cestoda							
40	Dracunculus	medinensis	Helminth, Nematode	guinea worm				2	2	2
41	Dracunculus	spp	Helminth, Nematode					see 1 spp		

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42	Echinococcus	granulosis	Helminth, Cestode		2 implied	2	2 implied, gravid segments	3 (**)	3	
43	Echinococcus	multilocularis	Helminth, Cestode		2 implied	2	2 implied, gravid segments	3 (**)	3	
44	Echinococcus	spp	Helminth, Cestode		2	2	2, gravid segments	see 1 spp		2, G
45	Echinococcus	vogeli	Helminth, Cestode		2 implied	2	2 implied, gravid segments	3 (**)	3	
46	Entamoeba	histolytica	Protozoa		2	2	2	2	2	, G
47	Enterobius	spp	Helminth, Nematode		2	2				
48	Fasciola	gigantica	Helminth, Trematode		2 implied	2		2	2	2, G
49	Fasciola	hepatica	Helminth, Trematode		2 implied	2	2	2	2	2, G
50	Fasciola	spp	Helminth, Trematode		2, meta- cercariae	2	swv spp	see 2 spp		
51	Fasciolopsis	buski	Helminth, Trematode					2	2	2
52	Fasciolopsis	spp	Helminth, Trematode					see 1 spp		
53	Giardia	lamblia	Protozoa	(intestinalis) EU	2 implied	2	2 implied	2	2	2
54	Giardia	spp	Protozoa		2	2	2 (mammalia n)	see 1 spp	2	
55	Hartmanella	spp	Protozoa							
56	Heterophyes	spp	Helminth, Trematode		2	2				
57	Hymenolepis	diminuta	Helminth, Cestode			2	2	2	2	2
58	Hymenolepis	nana	Helminth, Cestode	human	2	2	2 (human origin)	2	2	2
59	Hymenolepis	spp	Helminth, Cestode		2	2	see 2 spp	see 2 spp		

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60	Isospora	spp	Protozoa		2 implied, Coccidia	2			2	
61	Leishmania	braziliensis	Protozoa		2 implied	2	2 implied	3 (**)	3	2 implied
62	Leishmania	donovani	Protozoa		2 implied	2	2 implied	3 (**)	3	2 implied
63	Leishmania	ethiopica	Protozoa	Cethiopica (EU)	2 implied	2	2 implied	2	2	2 implied
64	Leishmania	major	Protozoa		2 implied	2	2 implied	2	3	2 implied
65	Leishmania	mexicana	Protozoa		2 implied	2	2 implied	2	2 human, 3 animal	2 implied
66	Leishmania	peruviana	Protozoa		2 implied	2	2 implied	2	2	2 implied
67	Leishmania	spp.	Protozoa	Australia, mammalian species	2	2	2 (mammalian)	2	2	2, G
68	Leishmania	tropica	Protozoa		2 implied	2	2 implied	2	3	2 implied
69	Linguatula	spp	Arthropod							
70	Loa	loa	Helminth, Nematode		2 implied	2 implied	see 1 spp	2	2	
71	Loa	spp	Helminth, Nematode	filaria	2 implied	2	2	2		
72	Macracanthorhynchus	spp	Acanthocephala							
73	Mansonella	ozzardi	Helminth, Nematode					2	2	2
74	Mansonella	perstans	Helminth, Nematode					2	2	
75	Microsporidium	spp.	Protozoa		2 implied	2				
76	Naegleria	fowleri	Protozoa		2	2	2	3	3	2, G
77	Naegleria	gruberi	Protozoa		1	1				2 implied
78	Naegleria	spp	Protozoa		see 2 sp	1 or 2	see 1 spp	see 1 spp		2, G
79	Necator	americanus	Helminth, Nematode		2	2	2	2	2	2
80	Necator	spp	Helminth, Nematode	hookworm	2	2	see 1 spp	see 1 spp		

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81	Onchocerca	spp	Helminth, Nematode	filaria worm	2 implied	2	see 1 spp	see 1 spp		
82	Onchocerca	volvulus	Helminth, Nematode	filaria worm	2 implied	2	2	2	2	2
83	Opisthorchis	felineus	Helminth, Trematode				2 implied	2	2	2 implied
84	Opisthorchis	spp	Helminth, Trematode				2	2	2	2
85	Paragonimus	spp	Helminth, Trematode				see 1 spp	see 1 spp		
86	Paragonimus	westermanii	Helminth, Trematode				2	2	2	2
87	Piroplasma	spp	Protozoa					2		
88	Plasmodium	cynomologi	Protozoa		2	2	2 implied	2 implied		2 implied
89	Plasmodium	falciparum	Protozoa		2 implied	2	2 implied	3 (**)	3	2 implied
90	Plasmodium	malariae	Protozoa		2 implied	2	2 implied	2 implied		2 implied
91	Plasmodium	ovale	Protozoa		2 implied	2	2 implied	2 implied		2 implied
92	Plasmodium	simian parasites	Protozoa		2 implied	2	2 implied	2 implied		2
93	Plasmodium	spp	Protozoa	human & simian	2	2	2 (human & simian)	2 (human & simian)		2
94	Plasmodium	vivax	Protozoa		2 implied	2	2 implied	2 implied		2 implied
95	Pneumocystis	carinii	Protozoa				2		2	2
96	Sarcocystis	spp	Protozoa		2	2		2		
97	Sarcocystis	suihominis	Helminth, Cestode larva	ssp hominis	2 implied	2		2	2	
98	Schistosoma	haematobium	Helminth, Trematode		2 implied	2	2	2	2	2
99	Schistosoma	intercalatum	Helminth, Trematode		2 implied	2		2	2	2
100	Schistosoma	japonicum	Helminth, Trematode		2 implied	2	2	2	2	2

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101	Schistosoma	mansoni	Helminth, Trematode		2 implied	2	2	2	2	2
102	Schistosoma	mekongi	Helminth, Trematode		2 implied	2		2	2	
103	Schistosoma	spp	Helminth, Trematode		2	2	see spp	see 5 spp		
104	Strongyloides	spp	Helminth, Nematode	hominis	2	2	2	2	2	2
105	Strongyloides	stercoralis	Helminth, Nematode		2 implied	2	2 implied	2		2 implied
106	Taenia	saginata	Helminth, Cestode				2	2	2 human, 3 animal	2
107	Taenia	solium	Helminth, Cestode	see Cysticercus	2	2	2	3	3	2
108	Taenia	spp	Helminth, Cestode			2	see sp listed	see 2 spp		
109	Toxascaris	spp	Helminth, Nematode							
110	Toxocara	canis	Helminth, Nematode			2	2	2	2	2
111	Toxocara	spp	Helminth, Nematode			2	see 1 spp	see 1 spp		
112	Toxoplasma	gondii	Protozoa		2 implied	2	2	2	2 human, 3 animal	2, X
113	Toxoplasma	spp	Protozoa		2	2	see 1 spp	see 1 spp		
114	Trichinella	spiralis	Helminth, Nematode			2	2 implied	2	2 human, 3 animal	2 implied
115	Trichinella	spp	Helminth, Nematode			1 species listed	2	see 1 spp	2	2
116	Trichomonas	vaginalis	Protozoa						2	2
117	Trichostrongylus	spp	Helminth, Nematode						2	2
118	Trichuris	trichiura	Helminth, Nematode				2	2	2	2
119	Trypanosoma	brucei	Protozoa	ssp brucei	2 implied	2	2	2	3	2
120	Trypanosoma	brucei	Protozoa	ssp.gambiense	2 implied	2	2	2	3	2
121	Trypanosoma	brucei	Protozoa	ssp rhodesiense	2 implied	2	2	3	3	2
122	Trypanosoma	cruzi	Protozoa		2 implied	2	2	3	3	2, C,G
123	Trypanosoma	spp	Protozoa		2	2	see spp	see 4 spp		

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124	Wuchereria	bancroftii	Helminth, Nematode		2 implied	2	2	2	2	2
125	Wuchereria	spp	Helminth, Nematode	filaria worm	2	2	see 1 spp	see 1 spp		

(**)	Member States are to ensure that all viruses which have already been isolated in humans and which have not been assessed and allocated in this Annex are classified in Group 2 as a minimum, except where Member States have proof that they are unlikely to cause disease in humans (EU).
AP	Animal Pathogen
HP	Human Pathogen

Revised: 

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