

Table 1. Infectious agents and toxins corresponding target diseases of the Infectious Diseases Control Law revised on June 1, 2007

	Infectious agent or toxin*		Target disease	Disease category	BSL
Group 1	Arenavirus	<i>Guanarito virus</i>	South American hemorrhagic fever	I	4
		<i>Junin virus</i>			
		<i>Machupo virus</i>			
		<i>Sabia virus</i>			
	Arenavirus	<i>Lassa virus</i>	Lassa fever	I	4
	Ebolavirus	<i>Cote d'Ivoire ebolavirus</i>	Ebola hemorrhagic fever	I	4
		<i>Reston ebolavirus</i>			
		<i>Sudan ebolavirus</i>			
<i>Zaire ebolavirus</i>					
Orthopoxvirus	<i>Variola virus</i>	Smallpox	I	4	
Nairovirus	<i>Crimean-Congo hemorrhagic fever virus</i>	Crimean-Congo hemorrhagic fever	I	4	
Marburgvirus	<i>Lake Victoria marburgvirus</i>	Marburg disease	I	4	
Group 2	<i>Yersinia</i>	<i>Yersinia pestis</i>	Plague	I	3
	<i>Clostridium</i>	<i>Clostridium botulinum</i>	Botulism	IV	2
	Coronavirus	<i>Severe acute respiratory syndrome coronavirus</i>	Severe acute respiratory syndrome	II	3
	<i>Bacillus</i>	<i>Bacillus anthracis</i>	Anthrax	IV	3
	<i>Francisella</i>	<i>Francisella tularensis</i> (subsp. <i>holarctica</i> , <i>tularensis</i> )	Tularemia	IV	3
	Botulinum toxin		Botulism	IV	2
Group 3	Alphavirus	<i>Eastern equine encephalitis virus</i>	Eastern equine encephalitis	IV	3
	Alphavirus	<i>Western equine encephalitis virus</i>	Western equine encephalitis	IV	3
	Alphavirus	<i>Venezuelan equine encephalitis virus</i>	Venezuelan equine encephalitis	IV	3
	Orthopoxvirus	<i>Monkeypox virus</i>	Monkeypox	IV	2
	<i>Coxiella</i>	<i>Coxiella burnetii</i>	Q fever	IV	3
	<i>Coccidioides</i>	<i>Coccidioides immitis</i>	Coccidioidomycosis	IV	3
	<i>Simplexvirus</i>	<i>Cercopithecine herpesvirus 1</i> (B virus)	Herpes B virus infection	IV	3
	<i>Burkholderia</i>	<i>Burkholderia pseudomallei</i>	Melioidosis	IV	3
	<i>Burkholderia</i>	<i>Burkholderia mallei</i>	Glanders	IV	3
	Hantavirus	<i>Andes virus</i>	Hantavirus pulmonary syndrome	IV	3
		<i>Bayou virus</i>			
		<i>Black Creek Canal virus</i>			
		<i>Laguna Negra virus</i>			
		<i>New York virus</i>			
		<i>Sin Nombre virus</i>			
	Hantavirus	<i>Dobrava-Belgrade virus</i>	Hemorrhagic fever with renal syndrome	IV	3
		<i>Hantaan virus</i>			
		<i>Puumala virus</i>			
		<i>Seoul virus</i>			
	Phlebovirus	<i>Rift Valley fever virus</i>	Rift Valley fever	IV	3
	Flavivirus	<i>Omsk hemorrhagic fever virus</i>	Omsk hemorrhagic fever	IV	3
	Flavivirus	<i>Kyasanur Forest disease virus</i>	Kyasanur Forest disease	IV	3
	Flavivirus	<i>Tick-borne encephalitis virus</i>	Tick-borne encephalitis	IV	3
	Brucella	<i>Brucella abortus</i>	Brucellosis	IV	3
		<i>Brucella canis</i>			
		<i>Brucella melitensis</i>			
		<i>Brucella suis</i>			
	Henipavirus	<i>Nipah virus</i>	Nipah virus infection	IV	3
	Henipavirus	<i>Hendra virus</i>	Hendra virus infection	IV	3
	<i>Mycobacterium</i>	<i>Mycobacterium tuberculosis</i> (multi-drug resistant <i>M. tuberculosis</i> ; resistant at least to isoniazid and rifampicin)	Tuberculosis	II	3
<i>Rickettsia</i>	<i>Rickettsia japonica</i>	Japanese spotted fever	IV	3	
<i>Rickettsia</i>	<i>Rickettsia prowazekii</i>	Epidemic typhus	IV	3	
<i>Rickettsia</i>	<i>Rickettsia rickettsii</i>	Rocky Mountain spotted fever	IV	3	
Lyssavirus	<i>Rabies virus</i>	Rabies	IV	3	
	<i>Rabies virus fixed strain</i>				
Group 4	Influenzavirus A	<i>Influenza A virus</i> (H2N2)	Influenza	V	2
	Influenzavirus A	<i>Influenza A virus</i> (H5N1, H7N7)	Avian influenza virus infection	IV	3
		<i>Influenza A virus</i> (H5N1, H7N7) low pathogenic strain			
	<i>Escherichia</i>	<i>Escherichia coli</i> (enterohemorrhagic <i>E. coli</i> )	EHEC infection	III	2
	Enterovirus	<i>Poliovirus</i>	Acute poliomyelitis	II	2
	<i>Chlamydomphila</i>	<i>Chlamydomphila psittaci</i>	Psittacosis	IV	2
	<i>Cryptosporidium</i>	<i>Cryptosporidium parvum</i> (genotype I, II)	Cryptosporidiosis	V	2
	<i>Salmonella</i>	<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhi	Typhoid fever	III	3
	<i>Salmonella</i>	<i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Paratyphi A	Paratyphoid fever	III	3
	Shigella	<i>Shigella boydii</i>	Shigellosis	III	2
		<i>Shigella dysenteriae</i>			
		<i>Shigella flexneri</i>			
		<i>Shigella sonnei</i>			
	<i>Vibrio</i>	<i>Vibrio cholerae</i> (serotype O1, O139)	Cholera	III	2
	Flavivirus	<i>Yellow fever virus</i>	Yellow fever	IV	3
	Flavivirus	<i>West Nile virus</i>	West Nile fever	IV	3
	Flavivirus	<i>Dengue virus</i>	Dengue fever	IV	2
	Flavivirus	<i>Japanese encephalitis virus</i>	Japanese encephalitis	IV	2
	<i>Mycobacterium</i>	<i>Mycobacterium tuberculosis</i> (excluding multi-drug resistant <i>M. tuberculosis</i> )	Tuberculosis	II	3
	Shiga toxin		Shigellosis, EHEC infection	III	2

\*Refer to "Technical Terms of Microbiology: English-Japanese/Japanese-English" (Nanzando), 2007

BSL: biosafety level