

[별표 2] 생물체의 위험군 분류(제5조 제1항 관련)

1. 세균의 위험군 분류

(1) 제4위험군

해당 세균 없음

(2) 제3위험군

<i>Bacillus</i>	<i>B. anthracis</i> (플라스미드 pXO2 소실 균주(스턴 포함) 제외)
<i>Bartonella</i>	<i>B. bacilliformis</i>
<i>Brucella</i>	<i>B. abortus</i>
	<i>B. canis</i>
	<i>B. melitensis</i>
	<i>B. ovis</i>
	<i>B. suis</i>
<i>Burkholderia</i>	<i>B. mallei</i> (구) <i>Pseudomonas mallei</i>
	<i>B. pseudomallei</i>
<i>Coxiella</i>	<i>C. burnetii</i>
<i>Francisella</i>	<i>F. tularensis</i>
<i>Mycobacterium</i>	<i>M. africanum</i>
	<i>M. bovis</i> (BCG주 제외)
	<i>M. tuberculosis</i>
<i>Orientia</i>	<i>O. tsutsugamushi</i> (구) <i>Rickettsia tsutsugamushi</i>
<i>Pasteurella</i>	<i>P. multocida type B</i>
<i>Rickettsia</i>	<i>R. akari</i>
	<i>R. australis</i>
	<i>R. canada</i>
	<i>R. conorii</i>
	<i>R. japonica</i>

	<i>R. montana</i>
	<i>R. parkeri</i>
	<i>R. prowazekii</i>
	<i>R. rhipicephali</i>
	<i>R. rickettsii</i>
	<i>R. siberica</i>
	<i>R. typhi</i> (ㄱ) <i>Rickettsia mooseri</i>
<i>Yersinia</i>	<i>Y. pestis</i>

(3) 제2위 혐균

<i>Acinetobacter</i>	<i>A. baumannii</i> (ㄱ) <i>Acinetobacter calcoaceticus</i>
<i>Actinobacillus</i>	<i>Actinobacillus</i> spp.
<i>Actinomyces</i>	<i>A. bovis</i>
	<i>A. israelii</i>
	<i>A. naeslundii</i>
	<i>A. pyogenes</i> (ㄱ) <i>Corynebacterium pyogenes</i>
<i>Aeromonas</i>	<i>A. caviae</i>
	<i>A. hydrophila</i>
<i>Amycolata</i>	<i>A. autotrophica</i> (ㄱ) <i>Nocardia autotrophica</i>
<i>Archanobacterium</i>	<i>A. haemolyticum</i> (ㄱ) <i>Corynebacterium haemolyticum</i>
<i>Bacillus</i>	<i>B. anthracis</i> (플라스미드 pXO2 소실 균주(스턴 포함))
<i>Bacillus</i>	<i>B. cereus</i>
<i>Bartonella</i>	<i>B. henselae</i>
	<i>B. quintana</i> (ㄱ) <i>Rochalimaea quintana</i>
	<i>B. vinsonii</i> (ㄱ) <i>Rochalimaea vinsonii</i>
<i>Bordetella</i>	<i>B. pertussis</i>
	<i>B. parapertussis</i>
<i>Borrelia</i>	<i>B. recurrentis</i>
	<i>B. burgdorferi</i>
<i>Burkholderia</i>	(ㄱ) <i>Pseudomonas</i> ; <i>B. mallei</i> , <i>B. pseudomallei</i> 는 제외
<i>Calymmatobacterium</i>	<i>C. granulomatis</i>
<i>Campylobacter</i>	<i>C. coli</i>

	<i>C. fetus</i>
	<i>C. jejuni</i>
<i>Chlamydia</i>	<i>C. trachomatis</i>
<i>Chlamydophila</i>	<i>C. pneumoniae</i> (ㄱ) <i>Chlamydia pneumoniae</i>
	<i>C. psittaci</i> (ㄱ) <i>Chlamydia psittaci</i>
<i>Clostridium</i>	<i>C. botulinum</i>
	<i>C. chauvoei</i>
	<i>C. difficile</i>
	<i>C. haemolyticum</i>
	<i>C. histolyticum</i>
	<i>C. novyi</i>
	<i>C. perfringens</i>
	<i>C. septicum</i>
	<i>C. tetani</i>
<i>Corynebacterium</i>	<i>C. bovis</i>
	<i>C. jeikeium</i>
	<i>C. diphtheriae</i>
	<i>C. pseudotuberculosis</i>
	<i>C. renale</i>
	<i>C. ulcerans</i>
<i>Dermatophilus</i>	<i>D. congolensis</i>
<i>Edwardsiella</i>	<i>E. tarda</i>
<i>Erysipelothrix</i>	<i>E. rhusiopathiae</i>
<i>Escherichia</i>	<i>E. coli</i> (장관 병원성)
<i>Fusobacterium</i>	<i>F. necrophorum</i> (ㄱ) <i>Sphaerophorus necrophorus</i> , <i>Fusififormis necrophorus</i>
<i>Haemophilus</i>	<i>H. ducreyi</i>
	<i>H. influenzae</i>
<i>Helicobacter</i>	<i>H. pylori</i>
<i>Klebsiella</i>	<i>Klebsiella</i> . spp.
<i>Legionella</i>	<i>Legionella</i> spp.
<i>Leptospira</i>	<i>L. interrogans</i>
<i>Listeria</i>	<i>L. monocytogenes</i>
<i>Moraxella</i>	<i>Moraxella</i> spp.

<i>Mycobacterium</i>	<i>M. avium complex</i>
	<i>M. asiaticum</i>
	<i>M. bovis</i> (BCG 주)
	<i>M. chelonae</i>
	<i>M. fortuitum</i>
	<i>M. kansasii</i>
	<i>M. leprae</i>
	<i>M. malmoense</i>
	<i>M. marinum</i>
	<i>M. paratuberculosis</i>
	<i>M. scrofulaceum</i>
	<i>M. simiae</i>
	<i>M. szulgai</i>
	<i>M. ulcerans</i>
	<i>M. xenopi</i>
<i>Mycoplasma</i>	<i>Mycoplasma</i> spp.
<i>Neisseria</i>	<i>N. gonorrhoeae</i>
	<i>N. meningitidis</i>
<i>Nocardia</i>	<i>N. asteroides</i>
	<i>N. brasiliensis</i>
	<i>N. farinosa</i>
	<i>N. otitidis</i>
	<i>N. transvalensis</i>
<i>Pasteurella</i>	<i>P. haemolytica</i>
	<i>P. multocida</i> (<i>Pasteurella multocida</i> type b 제외)
	<i>P. pneumotropica</i>
<i>Plesiomonas</i>	<i>P. shigelloides</i>
<i>Pseudomonas</i>	<i>P. aeruginosa</i>
<i>Rhodococcus</i>	<i>R. equi</i> (주) <i>Corynebacterium equi</i>
<i>Salmonella</i>	<i>Salmonella</i> spp.
<i>Shigella</i>	<i>S. dysenteriae</i>
	<i>S. boydii</i>
	<i>S. flexneri</i>

	<i>S. sonnei</i>
<i>Staphylococcus</i>	<i>S. aureus</i>
<i>Streptobacillus</i>	<i>S. moniliformis</i>
<i>Streptococcus</i>	<i>S. agalactia</i>
	<i>S. pneumoniae</i>
	<i>S. pyogenes</i>
<i>Treponema</i>	<i>T. carateum</i>
	<i>T. pallidum</i>
	<i>T. pertenue</i>
<i>Vibrio</i>	<i>V. cholerae</i>
	<i>V. parahaemolyticus</i>
	<i>V. vulnificus</i>
<i>Yersinia</i>	<i>Y. enterocolitica</i>
	<i>Y. pseudotuberculosis</i>

(4) 제1위험군

(2) 및 (3)에 해당되지 않는 종. 다만, 종명까지 동정되어 있지 않고 인체병원성 여부가 밝혀지지 않은 것은 제외한다.

2. 바이러스의 위험군 분류

(1) 제4위험군

<i>Arenaviridae</i>	Guanarito virus
	Junin virus
	Lassa virus
	Machupo virus
	Sabia virus
<i>Bunyaviridae</i>	Crimean-Congo hemorrhagic fever virus

<i>Filoviridae</i>	Ebola virus Marburg virus
<i>Flaviviridae</i>	Omsk hemorrhagic fever virus Central European Tick-borne encephalitis virus(또는 European Tick-borne encephalitis virus) Hanzalova virus Hypr virus Kumlinge virus Kyasanur Forest disease virus Far Eastern Tick-borne encephalitis virus (꺆) Russian spring-summer encephalitis viruses
<i>Herpesviridae</i>	Herpesvirus simiae (Herpesvirus B or Monkey B virus, Cercopithecine herpesvirus [CHV-1], B virus)
<i>Paramyxoviridae</i>	Hendra virus Nipah virus
<i>Poxviridae</i>	Variola virus
	현재까지 규명되지 않은 출혈열의 원인 바이러스

(2) 제3위 혐균

<i>Arenaviridae</i>	Lymphocytic choriomeningitis virus(LCM)(neurotropic strain) Flexal virus Mopeia virus
<i>Bunyaviridae</i>	Estero Real virus Shokwe virus Fort Sherman virus Akabane virus Germiston virus Kairi virus Oropouche virus Rift Valley fever virus Thiafora virus Dugbe virus Nairobi sheep disease virus Hantaan virus

	Sin nombre virus
	SFTS virus (Severe fever thrombocytopenia syndrome virus)
<i>Coronaviridae</i>	MERS-CoV (Middle East respiratory syndrome coronavirus)
	SARS-CoV (Severe acute respiratory syndrome coronavirus)
	Cacipacore virus
<i>Flaviviridae</i>	Gadgets Gully virus
	Israel turkey meningitis virus
	Kedougou virus
	Koutango virus
	Louping ill virus
	Meaban virus
	Murray Valley encephalitis virus
	Naranjal virus
	Negishi virus
	Powassan virus
	Rocio virus
	Sal Vieja virus
	San Perlita virus
	Saumarez Reef virus
	Sepik virus
	Siberian Tick-borne encephalitis virus
	Spondweni virus
	St. Louis encephalitis virus
	Tick-borne encephalitis virus (Central European Tick-borne encephalitis virus, Far Eastern Tick-borne encephalitis virus, Siberian Tick-borne encephalitis virus 제외)
	Wesselsbron virus
	West Nile virus
	Yaounde virus
	Yellow fever virus
<i>Orthomyxoviridae</i>	Avian influenza virus affecting human
<i>Poxviridae</i>	Monkeypox virus
<i>Prions</i>	Transmissible spongiform encephalopathies(TSEs) agent [Creutzfeldt-Jacob disease and kuru, Bovine spongiform encephalopathy(BSE) and other related animal TSEs]

<i>Retroviridae</i>	Human immunodeficiency virus(HIV) types 1 and 2 Human T cell lymphotropic virus (HTLV) types 1 and 2 Simian immunodeficiency virus (SIV)
<i>Rhabdoviridae</i>	Vesicular stomatitis virus Rabies virus (Fixed Rabies virus 제외)
<i>Togaviridae</i>	Chikungunya virus Semliki Forest virus Venezuelan equine encephalitis virus

(3) 제2위 협군

<i>Adenoviridae</i>	Human adenovirus
<i>Arenaviridae</i>	Junin virus candid #1 vaccine strain Lymphocytic choriomeningitis virus (LCM) (non-neurotropic strains) Tacaribe virus complex
<i>Bunyaviridae</i>	Bunyamwera virus Puumala virus Seoul virus Rift Valley fever virus vaccine strain MP-12 그 외 3군 및 4군에서 제외된 바이러스
<i>Caliciviridae</i>	Norovirus Sapovirus
<i>Coronaviridae</i>	Coronavirus
<i>Flaviviridae</i>	Dengue virus serotypes 1, 2, 3 and 4 Japanese encephalitis virus Yellow fever virus vaccine strain 17D Hepatitis C virus(HCV) Zika virus 그 외 3군 및 4군에서 제외된 바이러스
<i>Hepadnaviridae</i>	Hepatitis B virus (HBV)
<i>Hepeviridae</i>	Hepatitis E virus(HEV)
<i>Herpesviridae</i>	Epstein Barr virus Human cytomegalovirus

	Herpes simplex virus 1 and 2(HSV1 and 2) human herpesvirus types 3, 4, 5, 6 and 7 Varicella zoster virus
<i>Orthomyxoviridae</i>	Influenza viruses types A, B and C 기타 벵루매개 orthomyxoviruses를 포함한 바이러스
<i>Papillomaviridae</i>	모든 human papilloma viruses
<i>Paramyxoviridae</i>	Human parainfluenza viruses types 1, 2, 3 and 4 Measles virus Mumps virus Newcastle disease virus
<i>Parvoviridae</i>	Human parvovirus (B19)
<i>Picornaviridae</i>	Hepatitis A virus (HAV) Human echoviruses Human coxsackieviruses types A and B Human rhinoviruses Polioviruses, all types, wild and attenuated
<i>Pneumoviridae</i>	Human respiratory syncytial virus
<i>Poxviridae</i>	Monkeypox virus, Alastrim, Smallpox, Whitepox를 포함한 일부 제한된 Poxviruses를 제외한 바이러스
<i>Reoviridae</i>	<i>Coltivirus</i> 속, <i>Rotavirus</i> 속, <i>Orbivirus</i> 속을 포함한 바이러스
<i>Rhabdoviridae</i>	Rabies virus (Fixed Rabies virus) VSV-Indiana, San Juan, Glasgow를 포함한 Vesicular stomatitis virus 중 실험실에 적응된 바이러스주
<i>Togaviridae</i>	Rubella virus Chikungunya virus 181/25 vaccine strain Eastern equine encephalitis virus O'nyong-nyong virus Ross river virus Bebaru virus Sindbis virus Venezuelan equine encephalitis vaccine strain TC-83 Western equine encephalitis virus
Unassigned	Hepatitis D (delta) virus (HDV)

(4) 제1위험군

(1), (2) 및 (3)에 해당되지 않는 바이러스. 다만, 증명까지 동정되어 있지 않고 인체병원성 여부가 밝혀지지 않은 것은 제외한다.

3. 진균의 위험군 분류

(1) 제4위험군

해당 진균 없음

(2) 제3위험군

<i>Blastomyces(Ajellomyces)</i>	<i>B. dermatitidis</i>
<i>Coccidioides</i>	<i>C. immitis</i>
	<i>C. posadasii</i>
<i>Histoplasma</i>	<i>H. capsulatum</i>

(3) 제2위험군

<i>Acremonium</i>	<i>Acremonium</i> spp. (구) <i>Cephalosporium</i> spp.
<i>Aspergillus</i>	<i>Aspergillus</i> spp.
<i>Candida</i>	<i>Candida</i> spp.
<i>Cladophialophora</i>	<i>Cladophialophora</i> spp.
<i>Cryptococcus</i>	<i>C. gattii</i>
	<i>C. neoformans</i>
<i>Dactylaria(Ochroconis)</i>	<i>D. gallopava</i>
<i>Emmonsia</i>	<i>E. parva</i>
	<i>E. crescens</i>
<i>Epidermophyton</i>	<i>Epidermophyton</i> spp.

<i>Exophiala(Wangiella)</i>	<i>E. dermatitidis</i>
<i>Fonsecaea</i>	<i>F. pedrosol</i>
	<i>F. compacta</i>
<i>Fusarium</i>	<i>F. moniliforme</i>
	<i>F. solani</i>
<i>Madurella</i>	<i>M. grisea</i>
	<i>M. mycetomati</i>
<i>Microsporium</i>	<i>Microsporium</i> spp.
<i>Neotestudina</i>	<i>Neotestudina rosatii</i>
<i>Paecilomyces</i>	<i>Paecilomyces</i> spp.
<i>Paracoccidioides</i>	<i>P. brasiliensis</i>
<i>Penicillium</i>	<i>P. marneffeii</i>
<i>Pneumocystis</i>	<i>P. jirovecii</i> (구) <i>P. carinii</i>
<i>Sporothrix</i>	<i>S. schenckii</i>
<i>Trichophyton</i>	<i>Trichophyton</i> spp.

(4) 제1위험군

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4. 기생충의 위험군 분류

(1) 제4위험군

해당 기생충 없음

(2) 제3위험군

해당 기생충 없음

(3) 제2위험군

조충류 (Cestode)

<i>Cysticercus</i>	<i>C. cellulosae</i> (유구낭미충)
<i>Echinococcus</i>	<i>E. granulosus</i> (단방조충) <i>E. multilocularis</i> (다방조충) <i>E. vogeli</i> (포겔다방조충)
<i>Hymenolepis</i>	<i>H. diminuta</i> (쥐조충) <i>H. nana</i> (왜소조충)
<i>Taenia</i>	<i>T. solium</i> (유구조충) <i>T. saginata</i> (무구조충) <i>T. asiatica</i> (아시아조충)

선충류 (Nematode)

<i>Ancylostoma</i>	<i>A. ceylanicum</i> (실론구충) <i>A. duodenale</i> (두비니구충)
<i>Angiostrongylus</i>	<i>A. cantonensis</i> (광동주혈선충)
<i>Ascaris</i>	<i>A. lumbricoides</i> (회충) <i>A. suum</i> (돼지회충)
<i>Brugia</i>	<i>B. malayi</i> (말레이사상충) <i>B. timori</i> (티몰사상충)
<i>Dirofilaria</i>	<i>D. immitis</i> (개심장사상충) <i>D. repens</i> (개피부사상충)
<i>Dracunculus</i>	<i>D. medinensis</i> (메디나충)
<i>Enterobius</i>	<i>E. vermicularis</i> (요충)
<i>Gnathostoma</i>	<i>G. spinigerum</i> (유극악구충)
<i>Loa</i>	<i>L. loa</i> (로아사상충)
<i>Necator</i>	<i>N. americanus</i> (아메리카구충)
<i>Onchocerca</i>	<i>O. volvulus</i> (회선사상충)
<i>Strongyloides</i>	<i>S. stercoralis</i> (분선충)
<i>Trichinella</i>	<i>T. spiralis</i> (선모충)
<i>Wuchereria</i>	<i>W. bancrofti</i> (반크롭트사상충)
흡충류 (Trematode)	
<i>Clonorchis</i>	<i>C. sinensis</i> (간흡충)
<i>Echinostoma</i>	<i>E. hortense</i> (호르텐스극구흡충)
<i>Fasciola</i>	<i>F. hepatica</i> (간질) <i>F. gigantica</i> (거대간질)

<i>Gymnophalloides</i>	<i>G. seoi</i> (참굴큰입흡충)
<i>Heterophyes</i>	<i>H. nocens</i> (유해이형흡충)
<i>Metagonimus</i>	<i>M. yokogawai</i> (요코가와흡충)
<i>Paragonimus</i>	<i>P. westermani</i> (폐흡충)
<i>Pygidiopsis</i>	<i>P. summa</i> (표주박이형흡충)
<i>Schistosoma</i>	<i>S. haematobium</i> (방광주혈흡충)
	<i>S. intercalatum</i> (장간막주혈흡충)
	<i>S. japonicum</i> (일본주혈흡충)
	<i>S. mansoni</i> (만손주혈흡충)
	<i>S. mekongi</i> (메콩주혈흡충)
원충류 (Protozoa)	
<i>Babesia</i>	<i>B. bovis</i> (소바베스열원충)
	<i>B. divergens</i> (분지바베스열원충)
	<i>B. microti</i> (쥐바베스열원충)
<i>Cryptosporidium</i>	<i>C. parvum</i> (작은와포자충)
<i>Entamoeba</i>	<i>E. coli</i> (대장아메바)
	<i>E. gingivalis</i> (잇몸아메바)
	<i>E. hartmanni</i> (작은아메바)
	<i>E. histolytica</i> (이질아메바)
<i>Giardia</i>	<i>G. lamblia</i> (람블편모충)
<i>Iodoamoeba</i>	<i>I. butschlii</i> (요드아메바)
<i>Isospora</i>	<i>I. belli</i> (사람등포자충)
<i>Leishmania</i>	<i>L. aethiopica</i> (이디오피아리슈만편모충)
	<i>L. braziliensis</i> (피하리슈만편모충)
	<i>L. donovani</i> (내장리슈만편모충)
	<i>L. major</i> (큰리슈만편모충)
	<i>L. mexicana</i> (멕시코리슈만편모충)
	<i>L. peruvania</i> (페루리슈만편모충)
	<i>L. tropica</i> (피부리슈만편모충)
미포자충류(Microsporidium)	
<i>Naegleria</i>	<i>N. fowleri</i> (파올러자유아메바)
<i>Plasmodium</i>	<i>P. cynomolgi</i> (유인원원충)
	<i>P. falciparum</i> (열대열원충)
	<i>P. malariae</i> (사일열원충)

	<i>P. ovale</i> (난형열원충)
	<i>P. vivax</i> (삼일열원충)
<i>Sarcocystis</i>	<i>S. hominis</i> (사람근육포자충)
	<i>S. lindemanni</i> (린데만근육포자충)
	<i>S. suihominis</i> (돼지근육포자충)
<i>Toxocara</i>	<i>T. canis</i> (개회충)
<i>Toxoplasma</i>	<i>T. gondii</i> (톡소포자충)
<i>Trichomonas</i>	<i>T. hominis</i> (장세모편모충)
	<i>T. tenax</i> (구강편모충)
	<i>T. vaginalis</i> (질편모충)
<i>Trypanosoma</i>	<i>T. brucei brucei</i> (브루스파동편모충)
	<i>T. brucei gambiense</i> (감비아파동편모충)
	<i>T. brucei rhodesiense</i> (로데시아파동편모충)
	<i>T. cruzi</i> (크루스파동편모충)
	<i>T. rangeli</i> (랑겔파동편모충)

(4) 제1위험군

(3)에 해당되지 않는 기생충. 다만, 증명까지 동정되어 있지 않고 인체병원성 여부가 밝혀지지 않은 것은 제외한다.