

Transportation of Dangerous Goods Regulations (TDG)

GUIDE TO CATEGORY A AND CATEGORY B ASSIGNMENT

1.If the symbol "@" appears beside an infectious substance listed in one of the following categories, that infectious substance affects animals only. The UN number and shipping name are UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS.

2.If there is no symbol "@", the infectious substance affects humans or animals.The UN Number and shipping name are UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS.

The item column gives sequential item numbers for the entries in this Appendix. Beside the item number is the corresponding item number, in parentheses, in the French-language appendix.

The lists in this appendix are not exhaustive or complete and are provided for guidance to those who must classify infectious substances. If there is any doubt as to whether or not a substance is infectious or as to the category in which it must be assigned, assistance may be obtained from the Director, Office of Laboratory Security, Public Health Agency of Canada, or from the Director, Biohazard Containment and Safety, Canadian Food Inspection Agency.

As a reminder, the substances with an asterisk "" against them in column 3 of the Category A list require an Emergency Response Assistance Plan (see special provision 84).*

UN2814, Category A- Virus and Bacteria

Virus

Item	Column 1 Family	Column 2 Genus	Column 3 Species
1(1)	Arenaviridae	Arenavirus	(a) Flexal virus (b) Guanarito virus* (c) Junin virus* (d) Lassa virus* (e) Machupo virus* (f) Sabia virus*
2(2)	Bunyaviridae	(1) Hantavirus	(a) Hantaviruses causing hemorrhagic fever with renal syndrome (b) Hantaviruses causing pulmonary syndrome
		(2) Nairovirus	Crimean-Congo hemorrhagic fever virus*
		(3) Phlebovirus	Rift Valley Fever virus
3(3)	Coronaviridae	Coronavirus	Human Coronavirus - SARS, Severe Acute Respiratory Syndrome
4(4)	Filoviridae	Filovirus	(a) Ebola virus* (b) Marburg virus*
5(5)	Flaviviridae	Flavivirus	(a) Dengue virus (b) Japanese encephalitis virus (c) Kyasanur Forest virus* (d) Omsk hemorrhagic fever virus* (e) Russian spring-summer encephalitis virus* (f) Tick-borne encephalitis virus (g) West Nile fever virus (h) Yellow fever virus (wild type)
6(6)	Hepadnaviridae	Orthohepadnavirus	Hepatitis B virus

Column 1	Column 2	Column 3
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Item	Family	Genus	Species
7(7)	Herpesviridae (Alphaherpesvirinae)	Simplexvirus	Herpes B virus: (a) Herpesvirus simiae (b) Monkey B virus*
8(8)	Orthomyxoviridae	Influenzavirus A, B and C	Highly pathogenic avian influenza virus
9(9)	Paramyxoviridae	Morbillivirus	(a) Hendra virus* (b) Nipah virus* (Hendra-like virus)
10(10)	Picornaviridae	Enterovirus	Polioviruses
11(11)	Poxviridae	Orthopoxvirus	(a) Monkeypox virus (b) Variola* (smallpox virus)
12(12)	Retroviridae	Lentivirus	Human Immunodeficiency virus
13(13)	Rhabdoviridae	Lyssavirus	Rabies virus
14(14)	Togaviridae	Alphavirus	(a) Eastern equine encephalitis virus (b) Venezuelan equine encephalitis virus

Bacteria

Item	Column 1 Family	Column 2 Genus	Column 3 Species
1(1)		Bacillus	anthracis
2(2)		Brucella	(a) abortus (b) melitensis (c) suis
3(3)		Burkholderia	(a) mallei (formally: <i>pseudomonas malleii</i>) (Glanders) (d) pseudomallei (formally: <i>pseudomonas pseudomallei</i>)
4(4)		Chlamydia	psittaci (avian strains)
5(5)		Clostridium	botulinum
6(6)		Coccidioides	immitis
7(7)		Coxiella	burnetti
8(8)		Escherichia	coli enterotoxigenic - ETEC
9(9)		Francisella	tularensis
10(10)		Mycobaterium	tuberculosis
11(12)		Rickettsia	(a) prowazekii (b) rickettsi
12(12)		Shigella	dysenteriae (Type 1)
13(13)		Yersinia	pestis

UN2900, Category A- Virus and Bacteria

Virus

Item	Column 1 Family	Column 2 Genus	Column 3 Species
1(1)	Flaviviridae	Pestivirus	Hog Cholera virus (Classical Swine Fever)
2(2)	Paramyxoviridae	Morbillivirus	(a) Peste des petits ruminants virus (b) Rinderpest virus
3(3)	Paramyxoviridae (subfamily Paramyxovirinae)	Rubulavirus	Avian paramyxovirus Type 1 Velogenic Newcastle virus
4(4)	Picornaviridae	(1) Aphthovirus	Foot and mouth disease virus*
		(2) Enterovirus	Swine vesicular disease virus
5(5)	Poxviridae	Capripoxvirus	(a) Goat pox virus (b) Lumpy skin disease virus (c) Sheep pox virus
6(6)	Rhabdoviridae	Vesiculovirus	Vesicular stomatitis virus
7(7)	Unclassified	Unclassified	African Swine fever virus

Bacteria

Item	Column 1 Family	Column 2 Genus	Column 3 Species
1(1)		Mycoplasma	mycoides

UN3373, Category B - Virus, Bacteria and Fungi

Virus

Item	Column 1 Family	Column 2 Genus	Column 3 Species
191)	Adenoviridae	(1) Aviadenovirus	Animal, all isolates@
		(2) Mastadenovirus	(a) Animal, all isolates@ (b) Adenovirus (human, all types)
2(2)	Arenaviridae	Arenavirus	(a) Lymphocytic choriomeningitis virus (b) Mopeia virus (c) Tacaribe viruses (d) Whitewater Arroyo virus
3(3)	Arteviridae	Arterivirus	(a) Equine arteritis virus@ (b) Porcine reproductive/ Respiratory syndrome virus@ (c) Simian hemorrhagic fever virus
4(4)	Astroviridae	Astrovirus	All serotypes
5(5)	Birnaviridae	Birnavirus	(a) Infectious bursal disease virus@ (b) Infectious pancreatic necrosis virus@
6(6)	Bornaviridae	Bornavirus	Borna disease virus (CNS-encephalo-myelitis)
7(7)	Bunyaviridae	(1) Bunyavirus	(a) Aino virus@ (b) Akabane virus@ (c) Bunyamwera virus (d) California encephalitis virus (e) Jamestown Canyon virus (f) La Crosse virus (g) Lumbo virus (h) Oropouche virus (i) Snowshoe hare virus (j) Tahyna virus
		(2) Hantavirus	(a) Hantaviruses not causing pulmonary

Item	Column 1 Family	Column 2 Genus	Column 3 Species
			syndrome (b) Hantaviruses not causing hemorrhagic fever with renal syndrome
		(3) Nairovirus	(a) Hazara virus (b) Nairobi sheep disease virus@
		(4) Phlebovirus	(a) All species except Rift Valley fever virus (b) Toscana virus
Item	Column 1 Family	Column 2 Genus	Column 3 Species
8(8)	Caliciviridae	Calicivirus	(a) European brown hare virus@ (b) Feline calicivirus@ (c) Hepatitis E virus (d) Norwalk virus (e) Rabbit hemorrhagic disease virus@ (f) San Miguel sea lion virus@ (g) Vesicular exanthema of swine virus
9(9)	Circoviridae	Circovirus	(a) Avian circovirus@ (b) Porcine circovirus@
10(10)	Coronaviridae	(1) Coronavirus	(a) Avian infectious bronchitis virus (b) Bovine coronavirus, all strains (c) Canine, Rat and Rabbit coronavirus (d) Feline enteric coronavirus@ (e) Feline infectious peritonitis virus (f) Hemagglutinating encephalo-myelitis virus of swine (g) Human coronavirus, all strains excluding SARS (h) Mouse hepatitis virus (i) Porcine epidemic diarrhea virus@

			(j) Porcine respiratory coronavirus@ (k) Transmissible gastroenteritis virus of swine (l) Turkeys enteritis coronavirus@
		(2) Torovirus	(a) Berne virus@ (b) Breda virus@
11(11)	Flaviviridae	(1) Flavivirus	(a) Kunjin virus (b) Louping ill virus (c) Murray Valley encephalitis virus (Australia encephalitis) (d) Powassan virus (e) Rocio virus (f) St. Louis encephalitis virus (g) Turkey meningoencephalitis virus@ (h) Wesselsbron virus (i) Yellow fever virus (vaccine strain 17D)
		(2) Hepacivirus	Hepatitis C virus
		(3) Pestivirus	(a) Bovine viral diarrhea virus@ (b) Border disease virus@
Item	Column 1 Family	Column 2 Genus	Column 3 Species

12(12)	Hepadnaviridae	(1) Delta virus	Hepatitis D (Delta) virus
		(2) Avihepadna-virus	Duck hepatitis B virus
		(3) Orthohepadna-virus	(a) Ground squirrel hepatitis B virus (b) Woodchuck hepatitis virus@
13(13)	Herpesviridae (Alphaherpesvirinae)	(1) Simplexvirus	(a) Human herpes virus 1 (b) Human herpes virus 2 (c) Mammillitis virus (bovine herpes-virus 2)
		(2) Varicellovirus	(a) All isolates, excluding pseudorabies virus (b) Bovine infectious rhinotracheitis (herpesvirus 1) (c) Equine abortion virus (equine herpesvirus 1)@ (d) Equine coital exanthema virus (equine herpesvirus 3)@ (e) Equine rhinopneumonitis (equine herpesvirus 4)@ (f) Feline rhinotracheitis (feline herpesvirus 1)@ (g) Human herpes virus 3 (Varicella-zoster virus) (h) Pseudorabies virus (suis herpes virus 1)
		(3) Unclassified	(a) Canine herpesvirus 1@ (b) Caprine herpesvirus 1@ (c) Cervid herpesvirus 1 and 2@
14(14)	Herpesviridae (Betaherpesvirinae)	(1) Cytomegalovirus	(a) Human cytomegalovirus (CMV) (b) Porcine cytomegalovirus (suid herpesvirus 2)@
		(2) Muromegalovirus	Caviid herpesvirus (guinea-pig cytomegalovirus)
		(3) Roseolovirus	Equine cytomegalovirus (equine herpesvirus2)@
Item	Column 1 Family	Column 2 Genus	Column 3 Species

15(15)	Herpesviridae (Gammaherpesvirinae)	(1) Lymphocryptovirus	(a) Epstein-Barr-like virus (EBV) (Monkey virus) (b) Epstein-Barrvirus (EBV) (Human herpesvirus 4) (c) Human B lymphotropic virus
		(2) Rhadinovirus	(a) Herpesvirus ateles (b) Herpesvirus saimiri (c) Malignant catarrhal fever virus (Alcelaphine herpesvirus)@
16(16)	Orthomyxoviridae	Influenzavirus A, B and C	Influenza A, B, C and all isolates except influenza A - avian H5 and H7
17(17)	Paramyxoviridae	Pneumovirus	Turkey rhinotracheitis virus@
18(18)	Paramyxoviridae (subfamily Paramyxovirinae)	(1) Morbillivirus	(a) Canine distemper virus@ (b) Measles virus (c) Phocine distemper virus@
		(2) Paramyxovirus	Parainfluenza types 1-4
		(3) Respirivirus	(a) Bovine Parainfluenza virus Type 3@ (b) Sendai virus (mouse para-influenza virus@)
		(4) Rubulavirus	(a) Avian paramyxovirus Types 2-9@ (b) Mumps virus
19(19)	Paramyxoviridae (subfamily Pneumovirinae)	Pneumovirus	(a) Bovine respiratory syncytial virus@ (b) Human respiratory syncytial virus (c) Pneumonia virus of mice@
20(20)	Parvoviridae	Parvovirus	All isolates@
Item	Column 1 Family	Column 2 Genus	Column 3 Species
21(21)	Picornaviridae	(1) Cardiovirus	(a) All isolates (human) (b) Swine encephalomyocarditis virus@ (d) Theiler's murine poliovirus
		(2) Enterovirus	(a) All isolates@, excluding Swine vesicular disease virus (b) Coxsackieviruses
		(3) Hepatovirus	All isolates (including Hepatitis A, human enterovirus type 72)

		(4) Rhinovirus	(a) All isolates (human) (b) Bovine rhinovirus Types 1-3@ (c) Equine rhinovirus@ (d) Feline Rhinovirus@ (e) Rhinovirus
22(22)	Poxviridae	(1) Avipoxvirus	(a) All isolates (human) (b) All isolates@ (animal)
		(2) Leporipoxvirus	(a) Rabbit (Shope) fibroma virus (b) Squirrel fibroma virus
		(3) Orthopoxvirus	(a) All isolates@, excluding Monkeypox and Variola (smallpox) virus (b) Buffalo pox (c) Cowpox virus (d) Rabbit pox (e) Skunkpox (f) Vaccinia
		(4) Parapoxvirus	(a) All isolates@, excluding Sealpox virus (b) Bovine papular stomatitis virus (c) Orf virus (d) Pseudocowpox virus (paravaccinia) (e) Sealpox virus
		(5) Suipoxvirus	Swinepox
		(6) Yatapoxvirus	Tanapoxvirus
Item	Column 1 Family	Column 2 Genus	Column 3 Species
23(23)	Reoviridae	(1) Coltivirus	Coltivirus
		(2) Orbivirus	(a) All isolates (b) Epizootic hemorrhagic disease virus@ (c) Equine encephalosis virus@ (d) Ibaraki virus@

			(e) Palyam virus@
		(3) Orthoreovirus	(a) Animal, all isolates@ (b) Types 1, 2 and 3
		(4) Reovirus, types 1 and 2	Animal, all isolates@
		(5) Rotavirus	(a) Animal, all isolates@ (b) Rotavirus
24(24)	Retroviridae	(1) Betaretrovirus	Mason-pfizer monkey virus
		(2) Gammaretrovirus	(a) Animal, all isolates@ (b) Avian reticuloendotheliosis virus
		(3) Deltaretrovirus	Human T-cell lymphotropic viruses (HTLV)
25(25)	Retroviridae (subfamily Spumavirinae)	Spumavirus	All isolates
		Deltaretrovirus	Bovine leukemia virus
26(26)	Rhabdoviridae	(1) Lyssavirus	(a) Rabies virus-Fixed virus (b) Australian bat lyssavirus (c) Duvenhage virus (d) European bat lyssavirus 1 (e) European bat lyssavirus 2 (f) Lagos bat virus (g) Mokola virus
		(2) Vesiculovirus	(a) Alagoas virus (b) Chandipura virus (c) Cocal virus (d) Isfahan virus (e) Pyri virus (f) Vesicular stomatitis virus - Indiana lab strain
Item	Column 1 Family	Column 2 Genus	Column 3 Species
27(27)	Togaviridae	(1) Alphavirus	(a) Bebaru virus (b) Chikungunya virus

			(c) Everglades virus (d) Getah virus (e) Highlands J virus (f) Mayaro virus (g) Mucambo virus (h) Ndumu virus (i) O'Nyong-Nyong virus (j) Ross River virus (k) Semliki forest virus (l) Sindbis (m) Tonate virus (n) Western equine encephalitis virus strain TC-83
		(2) Arterivirus	Equine arteritis virus
		(3) Pestivirus	Bovine disease virus
		(4) Rubivirus	Rubella virus
28(28)	Transmissible Spongiform Encephalopathies		(a) Bovine spongiform encephalopathy (b) Chronic wasting disease of captive mule deer/elk@ (c) Creutzfeldt-Jacob disease (d) Gertsman-Straussier-Scheinker (e) Kuru (f) Scrapie@ (g) Transmissible mink encephalo-pathy@
29(29)	Unclassified	Unclassified	Swine hepatitis E virus@

Bacteria

Item	Column 1 Genus	Column 2 Species
1(1)	Acholeplasma	oculi@
2(2)	Acinetobacter	(a) baumannii

Item	Column 1 Genus	Column 2 Species
		(b) calcoaceticus (c) lwoffii (d) spp
3(3)	Actinobacillus	(a) actinomycetemcomitans (b) capsulatus@ (c) equuli@ (d) lignieresii@ (e) pleuropneumoniae@ (f) seminis@ (g) spp (h) suis@ (i) ureae@
4(4)	Actinomadura	(a) madurae (b) pelletieri
5(5)	Actinomyces	(a) bovis@ (b) gerencseriae (c) hordeovulneris@ (d) israelii (e) naeslundii (f) pyogenes (g) spp (h) suis@ (i) viscosus@
6(6)	Aeromonas	(a) hydrophila (b) punctata (c) spp
7(7)	Afipia	spp
8(8)	Agrobacterium	radiobacter

Item	Column 1 Genus	Column 2 Species
9(9)	Alcaligenes	spp
10(10)	Amycolata	autotrophica
11(11)	Anaplasma	(a) caudatum@ (b) centrale@ (c) marginale@ (d) ovis@
Item	Column 1 Genus	Column 2 Species
12(12)	Arcanobacterium	(a) haemolyticum (b) pyogenes
13(13)	Arcobacter	(a) butzeri (b) cryoaerophilus (c) spp
14(14)	Arizona	spp
15(15)	Bacillus	cereus
16(16)	Bacteroides	(a) fragilis (b) heparinolyticus (c) levii@ (d) salivosus@ (e) spp
17(17)	Bartonella	(a) bacilliformis (b) elizabethae (c) henselae (d) quintana (e) spp
18(18)	Bordetella	(a) avium@ (b) bronchiseptica

		(c) parapertussis (d) pertussis (e) spp
19(19)	Borrelia	(a) burgdorferi (b) duttonii (c) recurrentis (d) spp (e) vincenti
20(20)	Brachyspira	(a) hyodysenteriae (b) innocens
21(21)	Brucella	(a) canis (b) ovis (c) spp excluding abortus, melitensis and suis
22(22)	Burkholderia	(a) cepacia genomovars I (b) cepacia genomovars III (c) gladioli (d) multivorans (e) spp excluding mallei and pseudomallei (f) stabilis (g) vietnamensis
Item	Column 1 Genus	Column 2 Species
23(23)	Campylobacter	(a) coli (b) fetus, subspecies fetus (intestinalis) (c) fetus, subspecies venerealis (d) hyointestinalis (e) jejuni

		(f) lari (g) mucosalis@ (h) spp (i) sputorum
24(24)	Capnocytophaga	spp
25(25)	Cardiobacterium	hominis
26(26)	Chlamydia	(a) pneumoniae (b) psittaci (non-avian strains) (c) trachomatis
27(27)	Chryseobacterium	meningosepticum
28(28)	Citrobacter	(a) diversus (b) freundii (c) spp
29(29)	Clostridium	(a) chauvoei (b) colinum@ (c) difficile (d) haemolyticum@ (e) histolyicum (f) novyi (g) perfringens (h) septicum (i) sordellii (j) spiriforme@ (k) spp excluding botulinum (l) tetani (m) villosum@

30(30)	Corynebacterium	(a) amycolatum (b) cystitidis@ (c) diphtheriae (d) jeikeium (e) kutscheri@ (f) minutissimum (g) pilosum@ (h) pseudotuberculosis (i) renale (j) spp (k) ulcerans
Item	Column 1 Genus	Column 2 Species
31(31)	Dietzia	maris
32(32)	Dermabacter	hominis
33(33)	Dermatophilus	congolensis
34(34)	Dichelobacter	nodosus
35(35)	Edwardsiella	tarda
36(36)	Eikenella	corrodens
37(37)	Enterobacter	(a) aerogenes/cloacae (b) spp
38(38)	Enterococcus	(a) faecalis (b) faecium (c) spp
39(39)	Ehrlichia	(a) sennetsu (b) spp
40(40)	Erysipelothrix	tonsillarum

41(41)	Escherichia	(a) coli (b) coli enterohemorrhagic VTEC (EHEC) (c) coli enteroinvasive - EIEC (d) coli enteropathogenic - EPEC
42(42)	Eubacterium	suis@
43(43)	Fluoribacter	bozemaniae
44(44)	Francisella	(a) novicida (b) philomiragia
45(45)	Fusobacterium	(a) necrophorum (b) spp
46(46)	Gardnerella	vaginalis
47(47)	Gordonia	spp
48(48)	Haemophilus	(a) ducreyi (b) influenzae (c) influenzaemurium@ (d) paragallinarum@ (e) parainfluenzae (f) parasuis@ (g) piscium@ (h) somnus@ (i) spp
49(49)	Helicobacter	(a) cinaedi (b) felis@ (c) fennelliae (d) mustelae@ (e) nemestrinae@ (f) pullorum (g) pylori
Item	Column 1 Genus	Column 2 Species

50(50)	Hemobartonella	felis@
51(51)	Kingella	kingae
52(52)	Klebsiella	(a) granulomatis (b) oxytoca (c) pneumoniae (d) spp
53(53)	Lactococcus	garvieae
54(54)	Lawsonia	intracellularis@
55(55)	Legionella	(a) micdadei (b) pneumophila (c) spp
56(56)	Leptospira	(a) bratislava (b) canicola/copenhageni (c) grippityphosa (d) hardjo (e) icterohaemorrhagiae (f) interrogans (g) pomona (h) sejroe (i) var ballum
57(57)	Listeria	(a) ivanovii@ (b) monocytogenes (c) spp
58(58)	Mannheimia	haemolytica
59(59)	Moraxella	(a) bovis@ (b) caprae (c) catarrhalis (d) lacunata (e) phenylpyruvica (f) spp

60(60)	Morganella	Morganii
Item	Column 1 Genus	Column 2 Species
61(61)	Mycobacterium	(a) africanum (b) asiaticum (c) avium complex (d) avium/intracellulare (e) bovis (f) bovis (BCG) (g) chelonae (h) fortuitum (i) kansasii (j) leprae (k) malmoense (l) marinum (m) microti (n) paratuberculosis (o) scrofulaceum (p) simiae (q) szulgai (r) ulcerans (s) xenopi
62(62)	Mycoplasma	(a) caviae (b) hominis (c) pneumoniae (d) spp excluding mycoides
63(63)	Neisseria	(a) elongata (b) gonorrhoeae

		(c) meningitidis (d) spp
64(64)	Neorickettsia	helminthoeca@
65(65)	Nocardia	(a) asteroides (b) brasiliensis (c) caviae (d) farcinica (e) nova (f) otitidis-caviarum (g) pseudobrasiliensis (h) spp (i) transvalensis
66(66)	Ochrobactrum	Spp
67(67)	Oligella	Spp
68(68)	Ornithobacterium	rhinotracheale@
69(69)	Pandoraea	Spp
70(70)	Pantoea	Agglomerans
Item	Column 1 Genus	Column 2 Species
71(71)	Pasteurella	(a) aerogenes (b) anatipestifer@

		(c) caballi@ (d) canis (e) dagmatis (f) granulomatis@ (g) haemolytica (h) multocida (serotypes B:2 and E:2) (i) multocida, (except serotypes B:2 and E:2) (j) multocida, subspecies gallicida (k) multocida, subspecies multocida (l) multocida, subspecies septica (m) pneumotropica (n) spp
72(72)	Peptostreptococcus	(a) anaerobius (b) indolicus@ (c) spp
73(73)	Plesiomonas	shigelloides
74(74)	Porphyromonas	spp
75(75)	Prevotella	(a) melaninogenica (b) spp
76(76)	Propionibacterium	propionicum
77(77)	Proteus	(a) mirabilis (b) penneri (c) spp (d) vulgaris
78(78)	Providencia	(a) alcalifaciens (b) rettgeri (c) spp
79(79)	Psychrobacter	(a) immobilis (b) phenylpyruvicus
80(80)	Pseudomonas	(a) aeruginosa

		(b) spp
81(81)	Ralstonia	spp
82(82)	Rhodococcus	(a) equi (b) spp
	Column 1	Column 2
Item	Genus	Species
83(83)	Rickettsia	(a) akari (b) australis (c) canadensis (d) conorii (e) helvetica (f) montanensis (g) parkeri (h) rhipicephali (i) spp excluding prowazekii and rickettsi (j) tsutsugamuchi (k) typhi (mooseri)
84(84)	Rothia	(a) dentocarosia (b) mucilagenous
85(85)	Salmonella	(a) abortus equi (b) abortus ovis (c) agona (d) anatum (e) arizonae (f) choleraesuis (g) derby (h) dublin (i) enteritidis (j) gallinarum@

		(k) heidelberg (l) montevideo (m) newport (n) (other serovars) (o) paratyphi A, B and C (p) pullorum@ (q) spp (r) typhi (s) typhisuis@ (t) typhimurium
86(86)	Serpulina	Spp
87(87)	Serratia	(a) liquefaciens (b) marcescens
88(88)	Shigella	(a) boydii (b) dysenteriae (other than Type 1) (c) flexneri (d) sonnei
89(89)	Staphylococcus	(a) aureus (b) aureus (MRSA) (c) epidermidis (d) intermedius@
	Column 1	Column 2
Item	Genus	Species
90(90)	Stenotrophomonas	maltophilia
91(91)	Streptobacillus	(a) moniliformis (b) spp

92(92)	Streptococcus	(a) agalactiae@ (b) bovis@ (c) dysgalactiae@ (d) equi@ (e) pneumoniae (f) pyogenes (g) spp (h) suis (i) uberis@
93(93)	Taylorella	equigenitalis@
94(94)	Treponema	(a) carateum (b) pallidum (c) pertenue (d) spp (e) vincentii
95(95)	Tsukamurella	spp
96(96)	Ureaplasma	urealyticum
97(97)	Vagococcus	salmoninarum@
98(98)	Vibrio	(a) cholerae (b) parahaemolyticus (c) spp (d) vulnificus
99(99)	Yersinia	(a) enterocolitica (b) pseudotuberculosis (c) ruckeri@

Fungi

Item	Column 1 Genus	Column 2 Species
1(1)	Aspergillus	(a) flavus (b) fumigatus (c) nidulans (d) niger (e) oryzae (f) terreus
2(2)	Blastomyces	dermatitidis (formerly: <i>Ajellomyces dermatitidis</i>)
3(3)	Candida	(a) albicans (b) glabrata (c) guilliermondii (d) krusei (e) parapsilosis
4(4)	Cladophialophora	bantiana (formerly: <i>Cladosporium bantianum</i>)
5(5)	Cladosporium	carrionii
6(6)	Cryptococcus	neoformans
7(7)	Emmonsia	parva
8(8)	Epidermophyton	floccosum
9(9)	Histoplasma	(a) capsulatum (formerly: <i>Ajellomyces capsulatum</i>) (b) capsulatum var capsulatum (c) capsulatum var duboisii (d) capsulatum var farciminosum
10(10)	Loboa	loboi
11(11)	Microsporum	(a) audouinii (b) canis (c) distortum (d) equinum (e) ferrugineum

Item	Column 1 Genus	Column 2 Species
		(f) fulvum (g) gypseum (h) nanum (i) persicolor (j) praecox (k) vanbreuseghemii
12(12)	Paracoccidioides	brasiliensis
13(13)	Penicillium	marneffeii
14(14)	Sporothrix	(a) Schenckii var luriei (b) Schenckii var schenckii

15	Trichophyton	(a) concentricum (b) equinum/autotrophicum (c) equinum/equinum (d) gourvilii (e) megninii (f) mentagrophytes/erinacei (g) mentagrophytes/interdigitale (h) mentagrophytes/nodulare (i) mentagrophytes/ mentagrophytes (j) mentagrophytes/quinckeanum (k) rubrum (l) schoenleinii (m) simii (n) sudanese (o) tonsurans (p) violaceum (q) yaoundei
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