

# The Approved List of biological agents

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### Notice of Approval

The Approved List of biological agents

(SI 2002/2677).

Judith Hackitt

#### Preface

Categorisation of biological agents according to hazard and categories of containment Alkhurma haemorrhagic fever, Andes, Banna, Ngari, Central European tick-human disease but treatment may be available and/or the risk of further spread Punta Toro, Whitewater Arroyo and Xenotropic murine leukaemia virus-related

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at HSE, Redgrave Court, Merton Road, Bootle, Merseyside L20 7HS or via email:

lead to an increase in the risk of exposure to the agent. For example, blood-borne

the most appropriate containment measures set out in the publications/web pages

**Reclassifying an agent** 

You will need to consult and agree with HSE that a suitable and sufficient risk assessment has been performed prior to locally reclassifying an agent, unless HSE guidance indicating what to do in specific circumstances has been published.

Work with biological agents which have not been assigned a classification in the Approved List

most appropriate hazard group definition (see Information Box on page 7), taking into

## The Approved List of biological agents

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Biological agent	Human pathogen hazard group	Taxonomy/notes	
Elizabethkingia meningoseptica Flavobacterium meningosepticum	group		
Enterobacter aerogenes/cloacae			
Enterobacter			
Enterococcus			
Erysipelothrix rhusiopathiae			
<i>Escherichia coli</i> of non-pathogenic strains)			
<i>Escherichia coli,</i> strains (eg 0157:H7 or 0103)			
2 lav 26 factor have not the provident of the second s	Flavob	accoc <b>estea</b> bethk <b>#</b> gfal(@)&jhfhfg@sebft@@287w	′ 1 <b>₿</b> Gardnere
Fluoribacter bozemanae			
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Biological agent	Human pathogen hazard group	Taxonomy/notes
Mycobacterium kansasii		
Mycobacterium leprae		
Mycobacterium malmoense		
Mycobacterium marinum		
Mycobacterium microti		
Mycobacterium paratuberculosis		
Mycobacterium scrofulaceum		
Mycobacterium simiae		
Mycobacterium szulgai		
Mycobacterium tuberculosis		
Mycobacterium ulcerans		
Mycobacterium xenopi		
Mycoplasma caviae		
Mycoplasma hominis		
Mycoplasma pneumoniae		
Neisseria gonorrhoeae		
Neisseria meningitidis		
Nocardia asteroids		
Nocardia braziliensis		
Nocardia farcinica		
Nocardia nova		
Nocardia otitidiscaviarum		
Pasteurella multocida		
Pasteurella		
Peptostreptococcus anaerobius		
Peptostreptococcus		
Plesiomonas shigelloides		
Porphyromonas		
Prevotella		
Proteus mirabilis		
Proteus penneri		
Proteus vulgaris		
Providencia alcalifaciens		
Providencia rettgeri		
Providencia		
Pseudomonas aeruginosa		
Pseudomonas mallei		Burkholderia mallei

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Biological agent	Human pathogen hazard group	Taxonomy/notes
Streptococcus pneumoniae		
Streptococcus pyogenes		
Streptococcus		
Streptococcus suis		
Treponema carateum		
Treponema pallidum		
Treponema pertenue		
Treponema		
Ureaplasma parvum		
Ureaplasma urealyticum		
Vibrio cholerae		
Vibrio parahaemolyticus		
Vibrio		
Yersinia enterocolitica		
Yersinia pestis		
Yersinia pseudotuberculosis		
Yersinia		
FUNGI		
Absidia corymbifera		Lichtheimia corymbifera
Ajellomyces dermatitidis		Blastomyces dermatitidis
Aspergillus fumigatus		
Aspergillus		
Blastomyces dermatitidis (Ajellomyces dermatitidis)		
Candida albicans		
Candida spp		
Candida tropicalis		
Cladophialophora bantiana Xylohypha bantiana, Cladosporium bantianum		
Cladosporium bantianum Xylohypha bantiana		Cladophialophora bantiana
Coccidioides immitis		
Coccidioides posadasii		
Cryptococcus neoformans var gattii (Filobasidiella bacillispora)		
Cryptococcus neoformans var neoformans (Filobasidiella neoformans var neoformans)		
Emmonsia crescens		

Biological agent	Human pathogen hazard group	Taxonomy/notes	
Emmonsia parva			
Epidermophyton floccosum			
Exophiala			
Filobasidiella bacillispora		Cryptococcus neoformans var gattii	
Filobasidiella neoformans var neoformans		Cryptococcus neoformans neoformans	
Fonsecaea compacta			
Fonsecaea pedrosoi			
Fusarium	[		
Geotrichum			
Histoplasma capsulatum capsulatum (Ajellomyces capsulatus)			
Histoplasma capsulatum var duboisii			
Histoplasma capsulatum farcinimosum			
Lichtheimia corymbifera			
Madurella grisea			
Madurella mycetomatis			
Malassezia			
Microsporum			
Neotestudina rosatii			
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Biological agent	Human pathogen hazard group	Taxonomy/notes
Cyclospora		
Dientamoeba fragilis		
Encephalitozoon cuniculi		
Encephalitozoon hellem		
Encephalitozoon intestinalis		
Entamoeba histolytica		
Enterocytozoon bieneusi		
Giardia lamblia (Giardia intestinalis)		
Isopora belli		
Leishmania aethiopica		
Leishmania brasiliensis		
Leishmania donovani		
Leishmania major		
Leishmania mexicana		
Leishmania peruviana		
Leishmania		
Leishmania tropica		
Naegleria fowleri		
Plasmodium falciparum		
Plasmodium		
Sarcocystis suihominis		
Toxoplasma gondii		
Trichomonas vaginalis		
Trypanosoma brucei brucei		
Trypanosoma brucei gambiense		
Trypanosoma brucei rhodesiense		
Trypanosoma cruzi		
PRIONS		
Sporadic forms of human TSE:	<u> </u>	
Sporadic Creutzfeldt-Jakob disease		
Variably protease-resistant		
Genetic forms of human TSE:		I
Familial Creutzfeldt-Jakob disease		

Biological agent	Human pathogen hazard group	Taxonomy/notes
Varicella-zoster virus		
Beta-herpesvirinae	·	
Genus :		
Genus :		
Human herpesvirus type 6 – HHV6		
Human herpesvirus type 7 – HHV7		
Gamma-herpesvirinae		
Genus :		
		Synonym: Epstein-Barr virus
Epstein-Barr virus		
Genus :		
(Kaposi's sarcoma-associated		
Mononegavirales		
Bornaviridae		
Genus :		
Filoviridae	•	
Genus :		
Genus :	r	
Paramyxoviridae		
Paramyxovirinae		
Genus :	r	
Genus :	r	
Genus :		



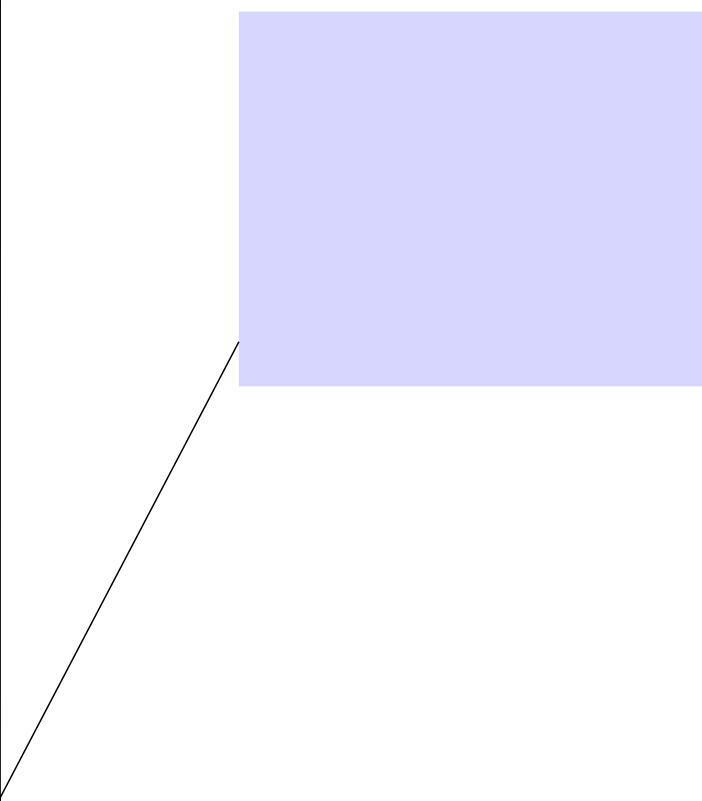


Biological agent	Human pathogen hazard group	Taxonomy/notes
Other LCM-Lassa complex viruses		
Astroviridae		
Bunyaviridae		
Genus :	1	
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Pielogical agent	Human	Taxonomy/potos
Biological agent	Human pathogen	Taxonomy/notes
	hazard	
	group	
Genus Phlebovirus:		
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Unclassified :	1	
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Biological agent	Human pathogen hazard group	Taxonomy/notes
Far Eastern tick-borne encephalitis		
		Strain of Central European tick-borne
		Synonym: Tick-borne encephalitis
		Species in Tick-borne encephalitis
		Species in Tick-borne encephalitis
		mosquito-borne virus Synonym: Far Eastern tick-borne encephalitis virus; subtype of Tick-
Siberian tick-borne encephalitis virus		See Central European tick-borne
Tick-borne encephalitis virus		
Genus :		
Genus :		

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Biological agent	Human	Taxonomy/notes
	pathogen hazard	
	group	
Retroviridae		
Orthoretrovirinae		
Genus :	<del>.</del>	
Primate T-cell lymphotropic viruses		Synonyms: Human T-cell
Genus :		
Xenotropic murine leukaemia virus-		
Genus :		
Togaviridae		
Genus :	γ	
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O'nyong-nyong virus		
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Genus :		

#### Further information

agents. General and sector-specific guidance for work with biological agents

www.hse.gov.uk/biosafety/information.htm

*TSE: Safe working and the prevention of infection* uk/+/www.dh.gov.uk/ab/ACDP/TSEguidance/index.htm

Blood-borne virus web pages www.hse.gov.uk/biosafety/blood-borne-viruses/

Biological agents: Managing the risks in laboratories and healthcare premises www.hse.gov.uk/biosafety/biologagents.pdf see 'Part 3 Working in the laboratory'

in this guidance, visit www.hse.gov.uk/. You can view HSE guidance online and

This Approved List is available online at www.hse.gov.uk/pubns/misc208.htm