

The Approved List of biological agents

Crown copyright 2013

visit www.nationalarchives.gov.uk/doc/open-government-licence/, write to the

Contents

Notice of Approval 4

Preface 5

What is the Approved List? 6

7

Using the Approved List to carry out risk assessments and apply
control measures 8

8

9

9

The Approved List of biological agents 10

Annex 1: Biological agents which may be used at less than the
minimum containment conditions 30

Further information 32

Notice of Approval

The Approved List of biological agents

(SI 2002/2677).

Judith Hackitt

-
- 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

[illegible]

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

[illegible]



[illegible]

Biological agent	Human pathogen hazard group	Taxonomy/notes
<i>Mycobacterium kansasii</i>		
<i>Mycobacterium leprae</i>		
<i>Mycobacterium mageritense</i>		
<i>Mycobacterium marinum</i>		
<i>Mycobacterium microti</i>		
<i>Mycobacterium paratuberculosis</i>		
<i>Mycobacterium scrofulaceum</i>		
<i>Mycobacterium simiae</i>		
<i>Mycobacterium szulgai</i>		
<i>Mycobacterium tuberculosis</i>		
<i>Mycobacterium ulcerans</i>		
<i>Mycobacterium xenopi</i>		
<i>Mycoplasma caviae</i>		
<i>Mycoplasma hominis</i>		
<i>Mycoplasma pneumoniae</i>		
<i>Neisseria gonorrhoeae</i>		
<i>Neisseria meningitidis</i>		
<i>Nocardia asteroides</i>		
<i>Nocardia brasiliensis</i>		
<i>Nocardia farcinica</i>		
<i>Nocardia nova</i>		
<i>Nocardia otitidiscaviarum</i>		
<i>Pasteurella multocida</i>		
<i>Pasteurella</i>		
<i>Peptostreptococcus anaerobius</i>		
<i>Peptostreptococcus</i>		
<i>Plesiomonas shigelloides</i>		
<i>Porphyromonas</i>		
<i>Prevotella</i>		
<i>Proteus mirabilis</i>		
<i>Proteus penneri</i>		
<i>Proteus vulgaris</i>		
<i>Providencia alcalifaciens</i>		
<i>Providencia rettgeri</i>		
<i>Providencia</i>		
<i>Pseudomonas aeruginosa</i>		
<i>Pseudomonas mallei</i>		<i>Burkholderia mallei</i>

[illegible]

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

Biological agent	Human pathogen hazard group	Taxonomy/notes
<i>Emmonsia parva</i>		
<i>Epidermophyton floccosum</i>		
<i>Exophiala</i>		
<i>Filobasidiella bacillispora</i>		<i>Cryptococcus neoformans var gattii</i>
<i>Filobasidiella neoformans var neoformans</i>		<i>Cryptococcus neoformans</i>
<i>Fonsecaea compacta</i>		
<i>Fonsecaea pedrosoi</i>		
<i>Fusarium</i>		
<i>Geotrichum</i>		
<i>Histoplasma capsulatum capsulatum (Ajellomyces capsulatus)</i>		
<i>Histoplasma capsulatum var duboisii</i>		
<i>Histoplasma capsulatum farcinimosum</i>		
<i>Lichtheimia corymbifera</i>		
<i>Madurella grisea</i>		
<i>Madurella mycetomatis</i>		
<i>Malassezia</i>		
<i>Microsporium</i>		
<i>Neotestudina rosatii</i>		
<i>Papadimitrakopoulosia (spp) TT1 1 Tf () Tj / TT2 1 Tf (spp) 0 0 5 TT 4 i 29 Td () TT2 1 Tf 6 29 Td (spp) 1 Tf 0 Tw 1 6 siemop 9</i>		
<i>Sporothrix (spp) TT1 1 Tf () Tj / TT2 1 Tf 8 51 Td Sn / GS 0 gs / proluere llans (infeim)a 97 -1.856 T</i>		

[illegible]



Biological agent	Human pathogen hazard group	Taxonomy/notes
<i>Cyclospora</i>		
<i>Dientamoeba fragilis</i>		
<i>Encephalitozoon cuniculi</i>		
<i>Encephalitozoon hellem</i>		
<i>Encephalitozoon intestinalis</i>		
<i>Entamoeba histolytica</i>		
<i>Enterocytozoon bieneusi</i>		
<i>Giardia lamblia</i> (<i>Giardia intestinalis</i>)		
<i>Isopora belli</i>		
<i>Leishmania aethiopica</i>		
<i>Leishmania brasiliensis</i>		
<i>Leishmania donovani</i>		
<i>Leishmania major</i>		
<i>Leishmania mexicana</i>		
<i>Leishmania peruviana</i>		
<i>Leishmania</i>		
<i>Leishmania tropica</i>		
<i>Naegleria fowleri</i>		
<i>Plasmodium falciparum</i>		
<i>Plasmodium</i>		
<i>Sarcocystis suihominis</i>		
<i>Toxoplasma gondii</i>		
<i>Trichomonas vaginalis</i>		
<i>Trypanosoma brucei brucei</i>		
<i>Trypanosoma brucei gambiense</i>		
<i>Trypanosoma brucei rhodesiense</i>		
<i>Trypanosoma cruzi</i>		
PRIONS		
Sporadic forms of human TSE:		
Sporadic Creutzfeldt-Jakob disease		
Variably protease-resistant		
Genetic forms of human TSE:		
Familial Creutzfeldt-Jakob disease		

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



--

Biological agent	Human pathogen hazard group	Taxonomy/notes
Other LCM-Lassa complex viruses		
Astroviridae		
Bunyaviridae		
<i>Genus</i> :		

Biological agent	Human pathogen hazard group	Taxonomy/notes
Genus <i>Phlebovirus</i> :		
<i>Unclassified</i> :		

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		
<i>Genus</i> :		
<i>Genus</i> :		



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

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