

University of Oklahoma Office of Export Controls

Pathogens, toxins, genetic elements, and genetically modified organisms, as follows:	Controlled for export?	If controlled for export, applicable ECCN:	CDC/APHIS regulates domestic possession, transfer and use?	DOT training required to package and ship domestically?
HUMAN AND ZOOTIC PATHOGENS AND TOXINS				
VIRUSES				
Chikungunya virus	YES	1C351		YES
Congo-Crimean haemorrhagic fever virus	YES	1C351	YES	YES
Crimean-Congo haemorrhagic fever virus	YES	1C351	YES	YES
Dengue fever virus	YES	1C351		YES
Dobrava virus	YES	1C351		YES
Eastern equine encephalitis virus	YES	1C351	YES	YES
Ebola virus	YES	1C351	YES	YES
Equine morbillivirus	YES	1C351		YES
Flexal	YES	1C351	YES	YES
Guanarito	YES	1C351	YES	YES
Hantaan virus	YES	1C351		YES
Hendra virus	YES	1C351	YES	YES
Japanese encephalitis virus	YES	1C351	YES	YES
Junin virus	YES	1C351	YES	YES
Kyasanur Forest virus	YES	1C351	YES	YES
Lassa fever virus	YES	1C351	YES	YES
Louping ill virus	YES	1C351		YES
Lymphocytic choriomeningitis virus	YES	1C351		YES
Machupo virus	YES	1C351	YES	YES
Marburg virus	YES	1C351	YES	YES
Monkey pox virus	YES	1C351	YES	YES
Murray Valley encephalitis virus	YES	1C351		YES
Nipah virus	YES	1C351	YES	YES
Omsk haemorrhagic fever virus	YES	1C351	YES	YES
Oropouche virus	YES	1C351		YES
Powassan virus	YES	1C351		YES
Pulmonary and renal syndrome haemorrhagic fever viruses	YES	1C351		YES
Puumala virus	YES	1C351		YES
Rift Valley fever virus	YES	1C351	YES	YES
Rocio virus	YES	1C351		YES
Russian Spring-Summer encephalitis virus	YES	1C351	YES	YES
Sabia virus	YES	1C351	YES	YES
Saint Louis encephalitis virus	YES	1C351		YES
Seoul virus	YES	1C351		YES
Sin Nombre virus	YES	1C351		YES

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South American haemorrhagic fever	YES	1C351	YES	YES
Tick-borne encephalitis virus	YES	1C351	YES	YES
Variola virus	YES	1C351	YES	YES
Venezuelan equine encephalitis virus	YES	1C351	YES	YES
Western equine encephalitis virus	YES	1C351		YES
White pox	YES	1C351		YES
Yellow fever virus	YES	1C351		YES
RICKETTSIA				
Bartonella quintana	YES	1C351		YES
Coxiella burnetii	YES	1C351	YES	YES
Rickettsia prowasecki	YES	1C351	YES	YES
Rickettsia prowazekii	YES	1C351	YES	YES
Rickettsia quintana	YES	1C351		YES
Rickettsia rickettsii	YES	1C351	YES	YES
Rochalimea quintana	YES	1C351		YES
BACTERIA				
Bacillus anthracis	YES	1C351	YES	YES
Brucella abortus	YES	1C351	YES	YES
Brucella melitensis	YES	1C351	YES	YES
Brucella suis	YES	1C351	YES	YES
Burkholderia mallei	YES	1C351	YES	YES
Burkholderia pseudomallei	YES	1C351	YES	YES
Chlamydia psittaci	YES	1C351		YES
Clostridium botulinum	YES	1C351	YES	YES
Clostridium perfringens, epsilon toxin producing types	YES	1C351	YES	YES
Enterohaemorrhagic Escherichia coli, serotype O157 and other verotoxin producing serotypes	YES	1C351		YES
Franciella tularensis	YES	1C351	YES	YES
Pseudomonas mallei	YES	1C351	YES	YES
Pseudomonas pseudomallei	YES	1C351	YES	YES
Salmonella typhi	YES	1C351		YES
Shigella dysenteriae	YES	1C351		YES
Vibrio cholerae	YES	1C351		YES
Yersenia pestis	YES	1C351	YES	YES
TOXINS, AND SUBUNITS THEREOF				
Aflatoxins	YES	1C351		YES
Abrin	YES	1C351	YES	YES
Botulinum toxins	YES	1C351	YES	YES
Cholera toxin	YES	1C351		YES
Clostridium perfringens toxins	YES	1C351	YES	YES

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Conotoxin	YES	1C351	YES	YES
Cyanginosin	YES	1C351		YES
Diacetoxyscirpenol toxin	YES	1C351	YES	YES
HT-2 toxin	YES	1C351		YES
Microcystin	YES	1C351		YES
Modeccin toxin	YES	1C351		YES
Ricin	YES	1C351	YES	YES
Saxitoxin	YES	1C351	YES	YES
Shiga toxin	YES	1C351	YES	YES
Staphylococcus aureus toxins	YES	1C351	YES	YES
T-2 toxin	YES	1C351	YES	YES
Tetrodotoxin	YES	1C351	YES	YES
Verotoxin and other shiga-like ribosome inactivating proteins	YES	1C351	YES	YES
Viscum Album Lectin 1 (Viscumin)	YES	1C351		YES
Volkensin toxin	YES	1C351		YES
FUNGI				
Coccidioides immitis	YES	1C351	YES	YES
Coccidioides posadasii	YES	1C351	YES	YES
ANIMAL PATHOGENS				
VIRUSES				
African swine fever virus	YES	1C352	YES	YES
African horse sickness virus	YES	1C352	YES	YES
Aujeszky's disease virus	YES	1C352		YES
Avian influenza virus defined in EC Directive 92/40/EC (O.J.L.16 23.1.92 p. 19) as having high pathogenicity	YES	1C352	YES	YES
Bluetongue virus	YES	1C352	YES	YES
Foot and mouth disease virus	YES	1C352	YES	YES
Goat pox virus	YES	1C352	YES	YES
Hog cholera virus	YES	1C352		YES
Lumpy skin disease virus	YES	1C352	YES	YES
Lyssa virus	YES	1C352		YES
Newcastle disease virus	YES	1C352	YES	YES
Peste des petits ruminants virus	YES	1C352	YES	YES
Porcine enterovirus type 9	YES	1C352		YES
Porcine herpes virus	YES	1C352		YES
Rinderpest virus	YES	1C352	YES	YES
Sheep pox virus	YES	1C352	YES	YES
Swine fever virus	YES	1C352	YES	YES
Swine vesicular disease virus	YES	1C352	YES	YES
Teschen disease virus	YES	1C352		YES
Vesicular stomatitis virus	YES	1C352	YES	YES

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BACTERIA				
Mycoplasma mycoides, subspecies mycoides SC (small colony) (a.k.a. contagious bovine pleuropneumonia)	YES	1C352	YES	YES
Mycoplasma capricolum, subspecies capripneumoniae (strain F38)	YES	1C352	YES	YES
PLANT PATHOGENS				
VIRUSES				
Potato Andean latent tymovirus	YES	1C354		YES
Potato spindle tuber viroid	YES	1C354		YES
BACTERIA				
Burkholderia solanacearum Races 2 and 3	YES	1C354		YES
Clavibacter michiganensis, subspecies sepedonicus	YES	1C354		YES
Corynebacterium michiganensis, subspecies sepedonicum	YES	1C354		YES
Corynebacterium sepedonicum	YES	1C354		YES
Ralstonia solanacearum Races 2 and 3	YES	1C354	YES	YES
Pseudomonas solanacearum Races 2 and 3	YES	1C354		YES
Pseudomonas campestris pv. oryzae	YES	1C354		YES
Xanthomonas albilineans	YES	1C354		YES
Xanthomonas campestris pv. citri including strains referred to as Xanthomonas campestris p.v. citri types A,B,C,D,E or otherwise classified as Xanthomonas citri, Xanthomonas campestris pv. aurantifolia or Xanthomonas campestris pv. citrumelo	YES	1C354		YES
Xanthomonas oryzae pv. oryzae	YES	1C354	YES	YES
FUNGI				
Colletotrichum coffeanum var. virulans	YES	1C354		YES
Colletotrichum kahawae	YES	1C354		YES
Cochliobolus miyabeanus	YES	1C354		YES
Dothidella ulei	YES	1C354		YES
Helminthosporium oryzae	YES	1C354		YES

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Magnaporthe grisea (pyricularia grisea/pyricularia oryzae)	YES	1C354		YES
Microcyclus ulei	YES	1C354		YES
Puccinia graminis (syn. Puccinia graiminis f. sp. tritici)	YES	1C354		YES
Puccinia striiformis (syn.Puccinia glumarum)	YES	1C354		YES
<u>SELECT AGENTS CONTROLLED FOR EXPORT</u>				
<u>VIRUSES</u>				
Akabane virus	YES	1C360	YES	YES
Bovine spongiform encephalopathy agent	YES	1C360	YES	YES
Camel pox virus	YES	1C360	YES	YES
Central European tick-borne encephalitis viruses, as follows: Absettarov Hanzalova Hypr Kumlinge	YES	1C360	YES	YES
Cercopithecine herpesvirus (Herpes B virus)	YES	1C360	YES	YES
Malignant catarrhal fever virus	YES	1C360	YES	YES
Menangle virus	YES	1C360	YES	YES
Reconstructed replication competent forms of the 1918 pandemic influenza virus containing any portion of th ecoding regions of all eight gene segments	YES	1C360	YES	YES
<u>RICKETTSIA</u>				
Cowdria ruminantium	YES	1C360	YES	YES
Ehrlichia ruminantium	YES	1C360		YES
<u>BACTERIA</u>				
Candidatus Liberobacter africanus (a.k.a. Liberobacter africanus)	YES	1C360	YES	YES
Candidatus Liberobacter asiaticus (a.k.a. Liberobacter asiaticus)	YES	1C360	YES	YES
Xylella fastidiosa pv.citrus variegated chlorosis (CVC)	YES	1C360	YES	YES
<u>FUNGI</u>				
Peronosclerospora philippinensis	YES	1C360	YES	YES
Sclerophthora rayssiae var. zeae	YES	1C360	YES	YES

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Synchytrium endobioticum	YES	1C360	YES	YES
MYCOPLASMA				
Mycoplasma capricolum, except subspecies capripneumoniae	YES	1C360	YES	YES
GENETIC ELEMENTS AND GENETICALLY MODIFIED ORGANISMS				
Genetic elements and genetically modified organisms can be regulated for export. Please contact the Office of Export Controls for more information.	YES	1C353		YES

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