Select Agents and Toxins List

The following biological agents and toxins have been determined to have the potential to pose a severe threat to both human and animal health, to plant health, or to animal and plant products. An attenuated strain of a select agent or an inactive form of a select toxin may be excluded from the requirements of the Select Agent Regulations. The list of excluded agents and toxins can be found at: http://www.selectagents.gov/Select20Agents20and20Toxins20Exclusions.htm.

HHS AND USDA SELECT AGENTS AND TOXINS

HHS SELECT AGENTS AND TOXINS
 Abrin
 Botulinum neurotoxins
 Botulinum neurotoxin producing species of Clostridium
 Conotoxins (Short, paralytic alpha conotoxins containing the following amino acid sequence X1CCX2PACGX3X4X5X6CX7)
 Coxiella burnetii
 Crimean-Congo haemorrhagic fever virus
 Dialatoxyscopia
 Eastern Equine Encephalitisvirus
 Ebola virus
 Francisella tularensis
 Lassa fever virus
 Lujo virus
 Marburg virus
 Monkeypox virus
 Reconstructed/duplication competent forms of the 1918 pandemic influenza virus containing any portion of the coding regions of all eight gene segments
 (Reconstructed 1918 Influenza virus)
 Richin
 Rickettsia prowazekii
 SARS-associated coronavirus (SARS-CoV)
 Saxitoxin
 South American Haemorrhagic Fever viruses:
 - Chapare
 - Guanarito
 - Junin
 - Machupo
 - Sabia
 Staphylococcal enterotoxins A,B,C,D,E subtypes
 T-2 toxin
 Tetrodotoxin
 Tick-borne encephalitis complex (flavi) viruses:
 - Far Eastern subtype
 - Siberian subtype
 Kyasanur Forest disease virus
 Omik hemorraghic fever virus
 Varicella major virus (Smallpox virus)

OVERLAP SELECT AGENTS AND TOXINS
 Bacillus anthracis
 Bacillus anthracis Pasteur strain
 Brucella abortus
 Brucella melitensis
 Brucella suis
 Burkholderia mallei
 Burkholderia pseudomallei
 Hendra virus
 Nipah virus
 Rift Valley fever virus
 Venezuelan equine encephalitisvirus

USDA SELECT AGENTS AND TOXINS
 African horse sickness virus
 African swine fever virus
 Avian influenza virus
 Classical swine fever virus
 Foot-and-mouth disease virus
 Goat pox virus
 Lumpy skin disease virus
 Mycoplasma capricolum
 Mycoplasma mycoides
 Newcastle disease virus
 Peste des petits ruminants virus
 Rinderpest virus
 Sheep pox virus
 Swine vesicular disease virus

USDA PLANT PROTECTION AND QUARANTINE (PPQ)
 SELECT AGENTS AND TOXINS
 Peronosclerospora philippinensis (Peronosclerospora sacchari)
 Phoma glycinica (formerly Pyrenochaeta glyciniae)
 Ralstonia solanacearum
 Rathayibacter toxicus
 Sclerophthora rayssiae
 Synchytrium endobioticum
 Xanthomonas oryzae

http://www.selectagents.gov/Select%20Agents%20and%20Toxins%20List.html

5/13/2013
Variola minor virus (Alastrim)*
Yersinia pestis*

*Denotes Tier 1 Agent

1 Select agents that meet any of the following criteria are excluded from the requirements of this part: Any low pathogenic strains of avian influenza virus, South American genotype of eastern equine encephalitis virus, west African clade of Monkeypox viruses, any strain of Newcastle disease virus which does not meet the criteria for virulent Newcastle disease virus, all subspecies Mycoplasma capricolum except subspecies capripneumoniae (contagious caprine pleuropneumonia), all subspecies Mycoplasma mycoides except subspecies mycoides small colony (Mm SC) (contagious bovine pleuropneumonia), any subtypes of Venezuelan equine encephalitis virus except for Subtypes IAB or IC, and Vesicular stomatitis virus (exotic): Indiana subtypes VSV-IN2, VSV-IN3, provided that the individual or entity can verify that the agent is within the exclusion category.

2 A virulent Newcastle disease virus (avian paramyxovirus serotype 1) has an intracerebral pathogenicity index in day-old chicks (Gallus gallus) of 0.7 or greater or has an amino acid sequence at the fusion (F) protein cleavage site that is consistent with virulent strains of Newcastle disease virus. A failure to detect a cleavage site that is consistent with virulent strains does not confirm the absence of a virulent virus.

12/4/2012

Click here for the List of Select Agents and Toxins (revised 12/4/2012) *(PDF 26KB)*

*Website is being revamped based on Revised Select Agent regulations.