

Appendix D Regulated Select Agents

HHS SELECT AGENTS AND TOXINS

- _ *Bacillus cereus* Biovar anthracis
- _ Botulinum neurotoxin producing species of *Clostridium*
- _ *Coxiella burnetii*
- _ Crimean-Congo haemorrhagic fever virus
- _ Eastern equine encephalitis virus
- _ Ebola virus
- _ *Francisella tularensis*
- _ Lassa fever virus
- _ Lujo virus
- _ Marburg virus
- _ Monkeypox virus
- _ Reconstructed replication competent forms of the 1918 pandemic influenza virus containing any portion of the coding regions of all eight gene segments (Reconstructed 1918 Influenza virus)
- _ *Rickettsia prowazekii*
- _ SARS-associated coronavirus (SARS-CoV)

South American haemorrhagic fever viruses

- _ Chapare
- _ Guanarito
- _ Junin
- _ Machupo
- _ Sabia

Tick-borne encephalitis complex (flavi) viruses

- _ Far Eastern subtype
- _ Siberian subtype

- _ Kyasanur Forest disease virus
- _ Omsk hemorrhagic fever virus
- _ Variola major virus (Smallpox virus)
- _ Variola minor virus (Alastrim)
- _ *Yersinia pestis*

- _ Abrin
- _ Botulinum neurotoxins
- _ Conotoxins
- _ Diacetoxyscirpenol
- _ Ricin
- _ Saxitoxin
- _ Staphylococcal enterotoxins A, B, C, D, E subtypes
- _ T-2 toxin
- _ Tetrodotoxin

OVERLAP SELECT AGENTS AND TOXINS

- _ *Bacillus anthracis*
- _ *Bacillus anthracis* Pasteur strain
- _ *Brucella abortus*
- _ *Brucella melitensis*
- _ *Brucella suis*
- _ *Burkholderia mallei* (formerly *Pseudomonas mallei*)
- _ *Burkholderia pseudomallei* (formerly *Pseudomonas pseudomallei*)
- _ Hendra virus
- _ Nipah Virus
- _ Rift Valley fever virus
- _ Venezuelan equine encephalitis virus

USDA SELECT AGENTS AND TOXINS

- _ African horse sickness virus
- _ African swine fever virus
- _ Avian influenza virus (highly pathogenic)
- _ Classical swine fever virus
- _ Foot and mouth disease virus
- _ Goat pox virus
- _ Lumpy skin disease virus
- _ *Mycoplasma capricolum* subspecies *capripneumoniae* (contagious caprine pleuropneumonia)
- _ *Mycoplasma mycoides* subspecies *mycoides* small colony (MmmSC) (contagious bovine pleuropneumonia)
- _ Newcastle disease virus¹
- _ Peste des petits ruminants virus
- _ Rinderpest virus
- _ Sheep pox virus
- _ Swine vesicular disease virus

USDA PLANT PROTECTION AND QUARANTINE (PPQ) SELECT AGENTS AND TOXINS

- _ *Coniothyrium glycines* (formerly *Phoma glycinicola* and *Pyrenochaeta glycines*)
- _ *Peronosclerospora philippinensis* (*Peronosclerospora sacchari*)
- _ *Ralstonia solanacearum*
- _ *Rathayibacter toxicus*
- _ *Schlerophthora rayssiae*
- _ *Synchytrium endobioticum*
- _ *Xanthomonas oryzae*

¹A 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.

Toxin Amounts Permissible Per Principal Investigator

Toxins	Amount
Abrin	1,000 mg
Botulinum neurotoxins	1 mg
Short, paralytic alpha Conotoxins	100 mg
Diacetoxyscirpenol (DAS)	10,000 mg
Ricin	1,000 mg
Saxitoxin	500 mg
Staphylococcal enterotoxins Subtypes A,B,C,D,E	100 mg
T-2 toxin	10,000 mg
Tetrodotoxin	500 mg

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