

HHS and USDA Select Agents and Toxins

7 CFR Part 331, 9 CFR Part 121, and 42 CFR Part 73

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 regulations.

More information can be found at <https://www.selectagents.gov/sat/list.htm>

HHS Select Agents and Toxins

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| 1) Abrin | 17) Ricin |
| 2) <i>Bacillus cereus</i> Biovar <i>anthracis</i> * | 18) <i>Rickettsia prowazekii</i> |
| 3) Botulinum neurotoxins* | 19) Severe acute respiratory syndrome coronavirus (SARS-CoV) |
| 4) Botulinum neurotoxin producing species of <i>Clostridium</i> * | 20) SARS-CoV/SARS-CoV-2 chimeric viruses resulting from any deliberate manipulation of SARS-CoV-2 to incorporate nucleic acids coding for SARS-CoV virulence factors |
| 5) Conotoxins (Short, paralytic alpha conotoxins containing the following amino acid sequence X ₁ CCX ₂ PACGX ₃ X ₄ X ₅ X ₆ CX ₇) | 21) Saxitoxin |
| 6) <i>Coxiella burnetii</i> | |
| 7) Crimean-Congo haemorrhagic fever virus | South American Haemorrhagic Fever viruses: |
| 8) Diacetoxyscirpenol | 22) Chapare |
| 9) Eastern equine encephalitis virus | 23) Guanarito |
| 10) <i>Ebolavirus</i> * | 24) Junin |
| 11) <i>Francisella tularensis</i> * | 25) Machupo |
| 12) Lassa fever virus | 26) Sabia |
| 13) Lujo virus | |
| 14) Marburg virus* | 27) Staphylococcal enterotoxins (subtypes A,B,C,D,E) |
| 15) Monkeypox virus | 28) T-2 toxin |
| 16) 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) | 29) Tetrodotoxin |





Tick-borne encephalitis complex (flavi) viruses:

- 30) Far Eastern subtype
- 31) Siberian subtype
- 32) Kyasanur Forest disease virus
- 33) Omsk hemorrhagic fever virus
- 34) Variola major virus (Smallpox virus)*
- 35) Variola minor virus (Alastrim)*
- 36) *Yersinia pestis**

Overlap Select Agents and Toxins

- 37) *Bacillus anthracis**
- 38) *Bacillus anthracis* Pasteur strain
- 39) *Burkholderia mallei**
- 40) *Burkholderia pseudomallei**
- 41) Hendra virus
- 42) Nipah virus*
- 43) Rift Valley fever virus
- 44) Venezuelan equine encephalitis virus

USDA Select Agents and Toxins

- 45) African swine fever virus
- 46) Avian influenza virus
- 47) Classical swine fever virus
- 48) Foot-and-mouth disease virus*
- 49) Goat pox virus
- 50) Lumpy skin disease virus
- 51) *Mycoplasma capricolum*
- 52) *Mycoplasma mycoides*
- 53) Newcastle disease virus
- 54) Peste des petits ruminants virus
- 55) Rinderpest virus*
- 56) Sheep pox virus
- 57) Swine vesicular disease virus

USDA Plant Protection and Quarantine (PPQ) Select Agents and Toxins

- 58) *Coniothyrium glycines* (formerly *Phoma glycinicola* and *Pyrenochaeta glycines*)
- 59) *Ralstonia solanacearum*
- 60) *Rathayibacter toxicus*
- 61) *Sclerophthora rayssiae*
- 62) *Synchytrium endobioticum*
- 63) *Xanthomonas oryzae*

* Denotes Tier 1 Agent