

Category 1 Agents and Toxins

HHS & Overlap Select Agents and Toxins	USDA Veterinary Services (VS) Select Agents and Toxins
<ul style="list-style-type: none"> <input type="checkbox"/> Abrin <input type="checkbox"/> <i>Bacillus cereus</i> Biovar anthracis <input type="checkbox"/> <i>Bacillus anthracis</i> – Overlap <input type="checkbox"/> <i>Bacillus anthracis</i> Pasteur strain – Overlap <input type="checkbox"/> Botulinum neurotoxins <input type="checkbox"/> <i>Brucella abortus</i> – Overlap <input type="checkbox"/> <i>Brucella melitensis</i> – Overlap <input type="checkbox"/> <i>Brucella suis</i> – Overlap <input type="checkbox"/> <i>Burkholderia mallei</i> - Overlap <input type="checkbox"/> <i>Burkholderia pseudomallei</i> – Overlap <input type="checkbox"/> <i>Clostridium botulinum</i> and neurotoxin-producing species of <i>Clostridia</i> <input type="checkbox"/> Conotoxins (Short, paralytic alpha conotoxins containing the following amino acid sequence X1CCX2PACGX3X4X5X6CX7) <input type="checkbox"/> <i>Coxiella burnetii</i> <input type="checkbox"/> Crimean-Congo hemorrhagic fever virus <input type="checkbox"/> Diacetoxyscirpenol <input type="checkbox"/> Eastern equine encephalitis virus <input type="checkbox"/> Ebola virus <input type="checkbox"/> <i>Francisella tularensis</i> <input type="checkbox"/> Hendra virus – Overlap <input type="checkbox"/> Lassa fever virus <input type="checkbox"/> Lujo virus <input type="checkbox"/> Marburg virus <input type="checkbox"/> Mpox virus Clade I <input type="checkbox"/> 1918-1919 H1N1 including 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) <input type="checkbox"/> Nipah virus – Overlap <input type="checkbox"/> Ricin <input type="checkbox"/> <i>Rickettsia prowazekii</i> <input type="checkbox"/> Rift Valley fever virus – Overlap <input type="checkbox"/> Severe acute respiratory coronavirus (SARS-CoV) <input type="checkbox"/> 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 <input type="checkbox"/> Saxitoxin <input type="checkbox"/> Chapare virus <input type="checkbox"/> Guanarito virus <input type="checkbox"/> Junin virus <input type="checkbox"/> Machupo virus <input type="checkbox"/> Sabia virus <input type="checkbox"/> Staphylococcal enterotoxins (subtypes A, B, C, D, E) <input type="checkbox"/> T-2 toxin <input type="checkbox"/> Tetrodotoxin <input type="checkbox"/> Tick-borne encephalitis complex virus: Far Eastern subtype <input type="checkbox"/> Tick-borne encephalitis complex virus: Siberian subtype <input type="checkbox"/> Kyasanur Forest disease virus <input type="checkbox"/> Omsk hemorrhagic fever virus <input type="checkbox"/> Variola major virus (Smallpox virus) <input type="checkbox"/> Variola minor virus (Alastrim) <input type="checkbox"/> Venezuelan equine encephalitis virus – Overlap <input type="checkbox"/> <i>Yersinia pestis</i> 	<ul style="list-style-type: none"> <input type="checkbox"/> African horse sickness virus <input type="checkbox"/> African swine fever virus <input type="checkbox"/> Avian influenza virus [this is included here as a veterinary select agent in 9 CFR 121.3. <i>Low pathogenicity strains are excluded.</i>] <input type="checkbox"/> Classical swine fever virus <input type="checkbox"/> Foot-and-mouth disease virus <input type="checkbox"/> Goat pox virus <input type="checkbox"/> Lumpy skin disease virus <input type="checkbox"/> <i>Mycoplasma capricolum</i> <input type="checkbox"/> <i>Mycoplasma mycoides</i> <input type="checkbox"/> Newcastle disease virus <input type="checkbox"/> Peste des petits ruminants virus <input type="checkbox"/> Rinderpest virus <input type="checkbox"/> Sheep pox virus <input type="checkbox"/> Swine vesicular disease virus <input type="checkbox"/> <i>Bacillus anthracis</i> Pasteur strain
USDA Plant Protection and Quarantine (PPQ) Select Agents and Toxins	
	<ul style="list-style-type: none"> <input type="checkbox"/> <i>Coniothyrium glycines</i> <input type="checkbox"/> <i>Peronosclerospora philippinensis</i> (<i>Peronosclerospora sacchari</i>) <input type="checkbox"/> <i>Ralstonia solanacearum</i> <input type="checkbox"/> <i>Rathayibacter toxicus</i> <input type="checkbox"/> <i>Sclerophthora rayssiae</i> <input type="checkbox"/> <i>Synchytrium endobioticum</i> <input type="checkbox"/> <i>Xanthomonas oryzae</i>
Other Risk Group 4 Pathogens (non BSAT)	
	<ul style="list-style-type: none"> <input type="checkbox"/> Tick-borne encephalitis virus complex including Absetterov, Central European encephalitis, Hanzalova, Hypr, and Kumlinge <input type="checkbox"/> Herpesvirus simiae (herpes B or monkey B virus) <input type="checkbox"/> Hemorrhagic fever agents and viruses as yet undefined
Other Risk Group 3 Pathogens (non BSAT)	
	<ul style="list-style-type: none"> <input type="checkbox"/> Bartonella <input type="checkbox"/> Brucella <input type="checkbox"/> Orientia tsutsugamushi <input type="checkbox"/> <i>Pasteurella multocida</i> type B -"buffalo" and other virulent strains <input type="checkbox"/> <i>Rickettsia akari</i>, <i>R. australis</i>, <i>R. canada</i>, <i>R. conorii</i>, <i>R. rickettsii</i>, <i>R. siberica</i>, <i>R. typhi</i> (<i>R. mooseri</i>) <input type="checkbox"/> Chikungunya virus except the vaccine strain 181/25 <input type="checkbox"/> Semliki Forest virus <input type="checkbox"/> St. Louis encephalitis virus <input type="checkbox"/> Flexal virus <input type="checkbox"/> Lymphocytic choriomeningitis virus (LCM) (neurotropic strains) <input type="checkbox"/> Hantaviruses, including Hantaan virus <input type="checkbox"/> Middle East respiratory syndrome coronavirus (MERS-CoV) <input type="checkbox"/> Severe acute respiratory coronavirus 2 (SARS-CoV-2) <input type="checkbox"/> Japanese encephalitis virus except strain SA 14-14-2 <input type="checkbox"/> West Nile virus <input type="checkbox"/> Yellow fever virus <input type="checkbox"/> Human influenza A virus H2N2 (1957-1968) <input type="checkbox"/> Highly pathogenic avian influenza A virus H5Nx strains within the Goose/Guangdong/96-like H5 lineage (e.g., H5N1, H5N6 etc.) <input type="checkbox"/> Transmissible spongiform encephalopathy (TSE) agents (e.g., Creutzfeldt-Jacob disease and kuru agents)
OTHER	
<ul style="list-style-type: none"> <input type="checkbox"/> Any attenuated pathogen or vaccine strain that is currently excluded from the Select Agent Regulations that exhibits the recovery of virulence at or near the wild type <input type="checkbox"/> Mpox virus clade I/II chimeric viruses resulting from any deliberate manipulation of clade II to incorporate nucleic acids coding for clade I virulence factors 	