

SELECT AGENTS AND RADIOACTIVE MATERIALS

In order to meet requirements under the Public Health Security and Bio-terrorism Response Act of 2002 and the Arkansas Department of Health, Rules and Regulations for Controlling Sources of Ionizing Radiation.

Any faculty member, who stores, manipulates, ships, or receives select agents, radioactive materials, or equipment with radioactive sources must register those materials and equipment with the Environmental Health and Safety Department of Arkansas State University.

For those possessing “Select Agents” in their laboratory there is additional requirements for specific security requirements and personnel screening. The details of the security requirements for each agent will be forthcoming from HHS and USDA.

The penalties for violating the regulations are stringent. Those caught either possessing or transferring Select Agents without registration or approval, face jail sentences up to five years and civil penalties up to \$500,000.

Please review the attached list of Select Agents and identify any agents that you may have in your possession. In addition, please identify any radioactive materials in your possession or any equipment with a radioactive source.

Complete the attached forms and return to the Environmental Health and Safety Department.

If you have any questions regarding registration of select agents or radioactive materials, please contact: Environmental Health and Safety, 972-2862

Select Agents, Radioactive Material & Equipment with Radioactive Sources

Name: _____ Position: _____

Department: _____

Phone Number: _____ Building and room number: _____

Email address: _____

Check all that apply:

☐ I have reviewed the list of select agent microorganisms and toxins and I do not possess or use any of these agents.

☐ I do possess and/or use one or more of the select agents and have identified the agents. I possess on the attached form.

☐ I do not possess any radioactive materials or equipment with a radioactive source.

☐ I do possess radioactive materials or equipment that contains radioactive sources and have indicated those on the attached form.

Possession of Select Agents includes: viable organisms, nucleic acid or genetic elements from the agent, or vaccines approved by the USDA or FDA

8.11 HHS SELECT AGENTS		
	Concentration	Quantity
Crimean-Congo Hemorrhagic Fever Virus		
Ebola Viruses		
Lassa Fever Virus		
Marburg Virus		
<i>Rickettsia prowazekii</i>		
<i>Rickettsia rickettsii</i>		
South American Hemorrhagic Fever Virus		
(Junin, Machupo, Sabia, Flexal, Guanarito)		
Tick-Borne Encephalitis Complex Viruses		
Variola Major Virus (smallpox virus)		
Viruses causing Hantavirus Pulmonary		
Syndrome		
Yellow Fever Virus		
<i>Yersinia pestis</i>		
Abrin		
Conotoxins		
Diacetoxyscirpenol		
Ricin		
Saxitoxin		
Tetrodotoxin		

USDA – HHS OVERLAP AGENTS		
	Concentration	Quantity
<i>Bacillus anthracis</i>		
<i>Brucella abortus</i>		
<i>Brucella melitensis</i>		
<i>Brucella suis</i>		
<i>Burkholderia</i> (Pseudomonas) <i>mallei</i>		
<i>Burkholderia</i> (Pseudomonas) <i>pseudomallei</i>		
<i>Clostridium botulinum</i>		
<i>Coccidioides immitis</i>		
<i>Coxiella burnettii</i>		
Eastern Equine Encephalitis Virus		
<i>Equine Morbillivirus</i>		
(Hendra, Virus, Nipah Virus)		
<i>Francisella tularensis</i>		
Rift Valley Fever Virus		
Venezuelan Equine Encephalitis Virus		
Aflatoxins		
Botulinum Toxins		
<i>Clostridium perfringens epsilon Toxin</i>		
Shigatoxin		
Staphylococcal Enterotoxin		
T-2 Toxin		

8.11 USDA LIST OF LIVESTOCK PATHOGENS AND TOXINS WITH HIGH CONSEQUENCE		
	Concentration	Quantity
African Horse Sickness Virus		
African Swine Fever		
Akabane Virus		
Avian Influenza Virus (highly pathogenic)		
Blue Tongue Virus		
Bovine Spongiform Encephalopathy Agents		
Camel Pox Virus		
Classical Swine Fever		
<i>Cowdria ruminantium</i> (Heartwater)		
Foot and Mouth Disease Virus		
Goat Pox Virus		
Japanese Encephalitis Virus		
Lumpy Skin Disease Virus		
Malignant Catarrhal Fever		
Manangle Virus		
<i>Mycoplasma capricolum</i>		
<i>Mycoplasma mycoides</i>		
(Contagious Bovine Pleuropneumonia agent)		
Newcastle Disease Virus (Exotic)		
Peste des Petits Ruminants		
Rinderpest Virus		

Sheep Pox		
Swine Vesicular Disease Virus		
<i>Vesicular Stomatitis Virus</i>		

8.12 Recombinant organisms/molecules

Note: 1.) List genetically modified microorganisms or genetic elements from organisms on the select agent list, shown to produce or encode for a factor associated with a disease. 2.) Genetically modified micro-organisms or genetic elements that contain nucleic acid sequences coding for any of the toxins listed in the select agent list, or their toxic sub-units.

Recombinant organisms/molecules:	Concentration	Quantity

Other restrictions

The deliberate transfer of a drug resistance trait to microorganisms listed in the select agents list that are not known to acquire the trait naturally is prohibited by the NIH *Guidelines for Research Involving Recombinant DNA Molecules*, if such acquisition could compromise the use of the drug to control these disease agents in human or veterinary medicine.

If you listed any of the above agents, organisms, or molecules in your possession, please check all that apply:

- ☐ Absolute minimum amount of the material kept on site.
- ☐ A 'real time' log is kept on the amounts of the material on hand.
- ☐ Materials are locked up within the laboratory.
- ☐ All authorized users are under my direct supervisory control.
- ☐ The laboratory is locked after hours, on weekends and when no one is in the laboratory.

Radioactive Materials & Equipment with Radioactive Sources

List all radioactive sources in your possession.

Materials or Equipment Name	Quantity
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>
<hr/>	<hr/>

Acknowledgement

I understand that I will be required to comply with federal, state, and local regulations that pertain to all of my research and laboratory activities. I accept responsibility for providing, thorough scheduling, teaching, or training to all personnel involved in my laboratory. The information here is accurate and complete.

Name Initials

Date