

UNC ANIMAL USE PROTOCOL
Attachment K – HAZARDOUS & CONTROLLED SUBSTANCES

Complete the requested information only for those categories of potentially hazardous substances or controlled substances that will be used in this protocol.

K.1. Radioisotopes: Radioisotope(s) to be used:

K.2. Recombinant DNA/RNA: rDNA to be used:

K.3. Human or Animal Pathogens: Pathogens to be used:

K.4. Human Cell Lines (including cancer cell lines): Human cell line(s) to be used:

K.5. Animal Cell Lines (including cancer cell lines): All animal cells or tissues must be verified free of known mouse or rat pathogens if they are to be transplanted into living animals. Specify each cell line to be used and describe the methods that have been employed to verify pathogen-free status of each:

K.6. Chemical Agents (including carcinogens): Attach Material Safety Data Sheets to this page.

Chemical agent(s) to be used:

K.7. Acute Toxins: Toxin(s) to be used:

K.8. Complete the following page for each hazardous substance to be used on this protocol.

Use a separate page for each agent that will be used.

K.9. Hazard: Describe the potential hazards of working with the agent, both to animals or humans and to the environment.

K.10. Precautions: Describe precautions that will be employed for entrance into animal room and for working with the agent, including personal protective equipment (PPE) requirements for all procedures involved

K.11. Precautions for handling animals: Describe any additional precautions that will be employed by personnel handling the agent or animals

K.12. Precautions for cage-changing and disposal of bedding: Describe precautions to be employed by personnel responsible for changing and cleaning cages.

K.13. Waste disposal: Describe any additional waste disposal issues.

K.14. Spills: If applicable, describe procedures that will be employed in case of spills.

K.15. Additional health concerns

K.16. Signs or indications of possible exposure

K.17. Recommended human health monitoring parameters and frequency

K.18. Training of all personnel who handle the agent or work with infected animals: List below all personnel who will be handling the agent or working with infected animals. The protocol's Personnel Attachment must describe each individual's training relevant to working with hazardous materials.

K.19. Hazard Signage Requirements:

- a. Doorway and cage signs will be prominently posted (template attached)
- b. Posting of signs is the responsibility of the PI
- c. Signs will be posted at all times when hazardous material is present

K.20. Exposure Follow-up:

- a. Exposures will be reported immediately by calling the Office of Environmental Health & Safety
- b. Injury/Illness Report forms will be completed and submitted to the IACUC Administrator.

K.21. Controlled Substances:

Storage of controlled substances must provide for effective prevention of theft. Federal regulations require registrants to store controlled substances in a securely locked, substantially constructed cabinet. Proper storage of substances and maintaining accurate inventory and usage logs are the responsibility of the PI.

ASSISTANCE: Schedules of controlled substances may be found in [Title 21 CFR, Section 1308](#)

Substance & Schedule	Maximum Amount Stored at any Time	Method and Location of Secure Storage	Location of Usage Log

Additional rows may be added by hitting the TAB key after the end of text in the last cell of the table.