

12.0 HAZARDOUS MATERIALS INFORMATION

Complete this form if you will be using hazardous materials and reagents in your AUP.
Contact Environmental Health and Safety (951-786-2648) for assistance in completing sections 2.0 and 12.0.

If this AUP indicates the use of biohazards or wild caught animals, this AUP will be reviewed by the Institutional Biosafety Committee and must be approved by the IBC prior to IACUC approval of this AUP.

If this form indicates the use of radiation or chemical hazards, this form will be reviewed by EH&S for appropriate safety precautions.

PROTOCOL # _____
EXPIRES: _____

____ Reviewed by Biological
Safety Officer

____ Reviewed by Radiation
Safety Officer

____ Reviewed by Environmental
Health & Safety

Identity of Hazard:

Tamoxifen

Last Name:

First Name:

Email:

Laboratory Building:

Vivarium:

Department:

Phone:

Fax:

Room(s):

Room(s):

Provide a short description of the reagent(s):

Tamoxifen is a selective estrogen receptor modulator that is used to treat breast cancer. Tamoxifen is also used in animal studies.

This material/ reagent is hazardous for:

Humans only	
Animals only	
Humans and Animals	
For which Animal Species?	

The reagent can be spread by:

Blood	
Feces/urine	X (72 hours)
Saliva/nasal droplets	
Does not leave animal	
Other:	

Describe any human health risk associated with this agent:

Tamoxifen is a known human **carcinogen**, **teratogen**, and **mutagen**. It causes eye and skin irritation; tamoxifen may cause respiratory and digestive tract irritation if swallowed. Tamoxifen can cause fetal/reproductive harm.

The precautions checked below apply to this experiment:

*** Only for the first 72 hours**

The researcher or his/her technicians are responsible for the feeding and care of these animals.	X*
The following items must be assumed to be contaminated with hazardous material and must be handled only by the researcher or his/her technicians.	

Cage	X*
Stall	
Water Bottle	X*
Animal Carcasses	
Bedding	X*
Other:	none
Cages must be autoclaved before cleaning.	
Label cages and remove label after decontamination.	X
Animal carcasses must be labeled and disposed of as follows:	
Incineration	
Bag and Autoclave	
Biohazardous Waste Container	X
EH&S will pick-up (x5528)	
All contaminated waste (soiled bedding or other animal waste) must be properly labeled and disposed of as follows	
Incineration	
Bag and Autoclave	
Biohazardous Waste Container	X* (Trace-Chemo Waste)
EH&S will pick-up (x5528)	

Personal Protective Equipment Required:

The following personal protective equipment must be worn/used in the room or when handling animals:	
Lab Coat/Coveralls	X
Shoe Covers/Booties	X
Disposable or Utility Gloves	X
Head Cover	
NIOSH Certified Dust Mask	
Disinfectant footbath	
Eye/Face Protection	
NIOSH Certified Fitted Respirator	Type:
Other:	Describe:
Personal protective equipment must be removed before leaving the room.	
Personal protective equipment must be discarded or decontaminated at the end of the project	
Hands, arms, and face must be thoroughly washed upon leaving the room	
Full shower, including washing of hair, must be taken upon leaving the room.	
Decontaminate Room (Inform ARS area supervisor when cage and/or room can be returned to general use).	

Provide any other information needed to safely work in this designated areas of research.

Sharps should be adapted for BSL-2. Safety-engineered sharps such as retractable needles are strongly recommended.

Cages should be clearly labeled with chemical and treatment date. Bedding and disposable cages from animals treated with Tamoxifen must be treated as chemically contaminated.

Contaminated bedding must be double-bagged in yellow trace-chemo waste bags, and labeled with the name of the hazard, the PI name, and location and disposed of in approved trace-chemo waste drums located in the vivarium.

Bedding from animals treated with Tamoxifen must be treated as chemically contaminated up to and including the first cage change that occurs at least 72 hours following the final administration. After the cage change occurring at least 72 hours after final administration, the chemical hazard labeling may be removed and the cage and bedding may subsequently receive standard care.

Handling of contaminated animal cages (including bedding) will be done only by the researchers. Care should be taken to avoid exposure to contaminated bedding dust when handling exposed animals and their waste materials.

Dead animals must be placed in primary plastic bags, which are then placed in biosafety bags for infectious waste incineration.

All surfaces and racks that may be contaminated with Tamoxifen will be decontaminated with detergent solution followed by water as soon as procedure is over.