

Protocols and Inventory

For each protocol, provide a distinct title, radionuclide, and microcuries per run. Also, please complete a "Worksheet for Radiochemical Protocols" for each radiochemical protocol. Be sure the protocol titles match exactly.

see the link

PROTOCOL TITLE	NUCLIDE	MICROCURIES
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PROTOCOL TITLE	NUCLIDE	MICROCURIES

ANIMALS None Applied for animal committee approval on ___ / ___ / ___

SPECIES	NUMBER	GRAMS EACH	μCi ADMIN'D	μCi AT EUTH	EUTH <input type="checkbox"/> Ether <input type="checkbox"/>	CAGESCLND <input type="checkbox"/> CRA staff <input type="checkbox"/> VSC	μCi IN URINE 48 HRS: 7 DAYS:	μCi IN SCAT 48 HRS: 7 DAYS:

Provide the largest vial activity you will order and your maximum on-hand inventory.

Nuclide	Vial μCi	Max μCi	Nuclide	Vial μCi	Max μCi	Nuclide	Vial μCi	Max μCi
Nuclide	Vial μCi	Max μCi	Nuclide	Vial μCi	Max μCi	Nuclide	Vial μCi	Max μCi

Laboratory Safety

We will adhere to the standard work rules in Table I.3 of *Radiation Safety Manual 1997*, p I.28.

or

Our Standard Work Rules are attached.

Waste

Characterize your waste stream. Generation of mixed radioactive and hazardous chemical waste must be approved by the LCC before it is generated. All chemical materials are considered hazardous unless specifically tested or otherwise reviewed against specific criteria. If you must generate mixed waste, explain why the waste must be generated. Describe alternative research methods that have been explored, and explain why they are not suitable for this project.

Materials that are readily soluble in water or readily dispersible biological material, may be disposed of into the sanitary sewer provided that: 1. The chemical or biological content is not prohibited for sewer disposal; 2. The quantity per laboratory, per day, does not exceed the LAS quantity. Disposal of larger quantities of radioactive wastes via the sewer must be reviewed and have the written approval of Health Physics; and 3. The LAS for the radionuclide is more than 1 microcurie.

We will not be generating any mixed waste.

We must generate mixed waste. See an attachment for discussion.

We will generate aqueous waste that will be discarded in the sanitary sewer.

Instruments and equipment

List instruments that are available. Each project must have suitable detection and measurement instrumentation; sharing is permitted. Consult with Health Physics if you need assistance.

Manufacturer	Model Number	Serial Number	Type*	Room
			<input type="checkbox"/> PGM <input type="checkbox"/> LSC <input type="checkbox"/> NaI <input type="checkbox"/> Other	
			<input type="checkbox"/> PGM <input type="checkbox"/> LSC <input type="checkbox"/> NaI <input type="checkbox"/> Other	
			<input type="checkbox"/> PGM <input type="checkbox"/> LSC <input type="checkbox"/> NaI <input type="checkbox"/> Other	
			<input type="checkbox"/> PGM <input type="checkbox"/> LSC <input type="checkbox"/> NaI <input type="checkbox"/> Other	

*PGM is Pancake Geiger Mueller; LSC is Liquid Scintillation Counter; NaI is Sodium Iodide.

What safety equipment and supplies will be used? gloves lab coats
absorbent paper on countertops splash shield beta shield tray
remote handling tools lead bricks

Funding

Provide the account number that funds the project. This is needed for statistical purposes; Health Physics does not debit accounts. _ - _ - - - - _ - - - -

Facilities

Identify the rooms you will be using and characterize the type of use. For each room attach a sketch on a User Radiation Survey Report that shows radiation work areas, clean desk areas, fume hoods, centrifuges, refrigerators, etc. [see the link](#)

Building	Room	Use
		Deliver my radioactive packages to this room
		<input type="checkbox"/> Work <input type="checkbox"/> Storage only <input type="checkbox"/> Waste only <input type="checkbox"/> Other
		<input type="checkbox"/> Work <input type="checkbox"/> Storage <input type="checkbox"/> Waste only <input type="checkbox"/> Other
		<input type="checkbox"/> Work <input type="checkbox"/> Storage <input type="checkbox"/> Waste only <input type="checkbox"/> Other

Concurrent review

If applicable, confirm that the project has also been submitted for biohazards and animal care review. A project cannot begin until all committees with jurisdiction have approved it.

Have you attached:

Training forms for people who are new to Stanford
 Protocol Worksheets and protocols
 Room sketches

 PI Signature

 Date