

Application for a Permit to Use Radioactive Materials

Complete this application if you wish to use or supervise the use of radioactive materials for laboratory research or teaching purposes at NYU (including the NYU Dental Center) or at NYU Medical Center or Bellevue Hospital Center. Contact the Radiation Safety Office for application forms used at other purposes or at locations such as the VA or the Nelson institute. Permits are normally only issued to members of the NYU Faculty. Further information is available on the Radiation Safety Department website.

The application should be returned to the Radiation Safety Office, NYU Medical Center MSBG58, 550 First Avenue, New York, NY 10016

Name:	
Phone	FAX
Email	
Address for internal mail	
Department:	
Room:	Building:

Check the appropriate boxes below:

This is an application for:	
an original permit	<input type="checkbox"/>
an amendment to an existing permit	<input type="checkbox"/>
reactivating a lapsed permit	<input type="checkbox"/>

The material requested in this application will be used for:		
administration or application to humans	STOP¹	
in-vitro experiments	<input type="checkbox"/>	
in-vivo animal experiments	<input type="checkbox"/>	If "yes" do you have approval from the animal facility? ² <input type="checkbox"/>
Other - explain		

Complete the following table.

Isotope	Maximum Activity ³ in milliCuries	P=powder, L= liquid, G=gas, or explain

¹ Contact Radiation Safety for further information

² You are encouraged to discuss radiation safety issues with Radiation Safety before filing a protocol with the animal facility.

³ The maximum activity we approve will limit the total amount of the isotope that you will be allowed to hold in the lab as a combination of stock, samples and waste on any one time.

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Give a brief description of your experimental procedure, noting safety equipment and handling techniques for each of the radioisotopes requested. State whether any of the material you use will result in the release of radioactive materials as volatile or gaseous residues and how these will be contained. State whether any radioactive waste will be chemically hazardous, flammable or contain pathogens. If so state how you propose to deal with this waste. Add supplementary pages if necessary.

List the locations where you propose to use or store radioactive material

Lab or other room where radioactivity may be used	Purpose - e.g. storage, manipulation, measurement	Type - e.g. lab, cold room, storage room

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Enter an estimate of the total amount (in milliCuries) of each isotope that will be used in your lab per year and any special requirements for local sink disposal (see footnote).

Isotope	Quantity to be used per year (mCi)	Percentage to be dispose in your lab if more than 1% ⁴

List the instruments you have or can borrow to check for contamination. You will normally need access to a hand-held instrument such as a Geiger counter to check surfaces and also to a liquid scintillation counter to measure wipe checks.

Instrument type	Manufacturer	Model	Location (Room):	Owner if borrowed:

Check the following boxes if you agree to perform the task as instructed by the Radiation Safety Office.

I will maintain an detailed record of acquisition use and disposal of all radioactive materials.	<input type="checkbox"/>
I will maintain an inventory of sealed sources (if any) purchased or used under this permit.	<input type="checkbox"/>
I will maintain a record of checks for contamination in each space where materials are used or stored.	<input type="checkbox"/>
I will deliver radioactive waste to the designated waste room during designated hours periodically	<input type="checkbox"/>
I agree to pay for disposal of long-lived dry waste such as from H3 and C14 ⁵	<input type="checkbox"/>
I will deliver my survey meters to the Radiation Safety Office for annual calibration when notified	<input type="checkbox"/>
If radiation badges are issued for personnel monitoring I agree to distribute and return them promptly and to inform the Radiation Safety Office promptly of staff changes.	<input type="checkbox"/>

⁴ You will normally be allowed to dispose of up to 1% of the amount you use in the sink in your lab in the form of dilute aqueous waste. You will be required to deliver all other waste to the Radiation Safety waste room on scheduled days of operation for storage and disposal. If you need to dispose of more than the standard 1% allowance locally for experimental reasons enter the percentage and provide justification on a separate sheet.

⁵ The Radiation safety Office will advise on strategies for minimizing the cost of commercial disposal of dry waste.

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You must have prior training and/or experience to use radioactive materials. Complete the information for each specific area of study listed below.

Topic	Where trained	Hours	Formal Course	Experience
Principles & practices of radiation protection				
Measurement & monitoring techniques and instruments				
Mathematic and Calculations related to the use and measurement of radioactivity				
Biological effects of radiation				

Please sign below to show that you agree to abide by the rules and regulations that will apply to your use of radioactive Materials. These may be found on the Radiation Safety Department website (www.med.nyu.edu/radsafety) under Forms and Publications/Manuals and under Forms and Publications/Policy Statements.

Signature

____/____/____
Date