



Radioisotope Management Module

Quick Start Guide

lumen.northwestern.edu

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Accessing the Radioisotope Management Module

After you log into Lumen, you will see your lab homepage. Before you are able to access the Radioisotope Management Module, you must complete the Radioactive Materials Radiation Worker Certification in myHR Learn.

To access the Radioisotope Module, select “Rad Summary”.

– Research Safety (RS) Lab
» View Lab Profile
» ChemTracker
» Compliance Dashboard
» Manage Members
» Send Lab Message
» View Lab Spaces
» Rad Summary

Lab Radioisotope Management Module Summary Page

On the Rad Summary Page, you will see a summary for your entire lab, including:

- Lab member status (Name and Enabled Columns)

Lab Member Status				
Enabled	Trained	Name	Badges	
N	N/A	Blayney, Michael B.		Enable
N	N/A	Birkett, Robert		Enable
Y	N/A	Macatangay, Jose		Disable

- A list of authorized isotopes

Authorized Isotopes					
Isotope name ▲	Max Activity Allowed (mCi)	Consumed	Remaining		
Barium 133	1000 mCi	0 mCi	1000 mCi	Adjust	remove
Carbon 14	1000 mCi	0.468112 mCi	999.532 mCi	Adjust	
Chromium 51	1000 mCi	0 mCi	1000 mCi	Adjust	remove

- An inventory of current radioisotope vials

Current Vials

Showing 1-10 of 17 results

Vial Number	Isotope	Compound	Ordered By	Date Received	Initial Activity	Current Activity	
V36	Hydrogen 3	Taurocholic Acid	Macatangay, Jose	08/26/2020	0.0832 mCi	0.0731248 mCi	Log Use
CH39899	Hydrogen 3	Taurocholic Acid	Macatangay, Jose	08/26/2020	0.1 mCi	0.0878904 mCi	Log Use

- Any pending rad orders

Pending Orders

RAN	Date Ordered	Product Code	Company	Lab Name	Contact	Room #	Building	Action
No RAD Requests have been placed for this lab yet. View RAD Request history for Research Safety (RS) Lab								

Completing a Radioisotope Order Request

- From the Rad Summary page, select “Rad Request”.

- Research Safety (RS) Lab
 - » View Lab Profile
 - » ChemTracker
 - » Compliance Dashboard
 - » Manage Members
 - » Send Lab Message
 - » View Lab Spaces
 - » **Rad Summary**
 - » Rad Request

Summary | Snapshot | Current Vials | **Rad Request** | Waste Pickup Request | Pending Pickup Requests | Completed Pickup Requests

Research Safety (RS) Lab Rad Summary

License Valid For: [Research Safety \(RS\) Lab](#)
 License Expiration: 10/17/2023
[View License History](#)
[Set Status to Suspended](#)

- Enter the following information about your order request:
 - Company (vendor) from which you would like to order
 - Information for the item(s) you are requesting including product code, compound, active isotope, activity requested (in mCi) and quantity (# of vials).
 - For Research Safety package delivery to your lab, enter Building and Room Number in “Special Instructions” field.

Research Safety (RS) Lab Rad Request

Laboratory: [Research Safety \(RS\) Lab \(Rad Profile\)](#)
 Requested By: [Mason, Cindi](#)
 Date Requested: 12/06/2022

Company: * **a** < Please select >

Items Requested

Product Code	Compound	Active Isotope	mCi Requested	Quantity
b <input type="text"/>	<input type="text"/>	< Please select > v	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	< Please select > v	<input type="text"/>	<input type="text"/>

Special Instructions: **c**

3. This page also displays a “Laboratory Isotope Summary”, which shows the isotopes you are permitted to order and their limits. When you finish entering data for your request, select Submit.

Laboratory Isotope Summary

Activity summary for the isotopes in the Research Safety (RS) Lab

Isotope	Max	Current	Ordered	Remaining
Barium 133	1000 mCi	0 mCi	0 mCi	1000 mCi
Carbon 14	1000 mCi	0.468112 mCi	0 mCi	999.532 mCi

Submit

4. Once you have submitted the order request, an email is sent to Research Safety staff to inform them of your request. You will see a message at the top of the screen to confirm that a “Rad Acquisition” has been created and a RAN (Rad Acquisition Number) has been assigned to your request.

Note: Your order must still be entered into NU Financials; follow your Department’s ordering process.

Radioisotope Acquisition Number: R10

- Email successfully sent to Jose David Macatangay, [view message](#).
- Your Rad Acquisition has been created.
- Note: This is only an acquisition number. Please use the RAN listed above when you place the order.

5. When you return to the Rad Summary page, you will see your current isotope inventory as well as a list of Pending Orders. Your new order request will be listed here until it is received.

Current Vials

Showing 1-10 of 17 results

Vial Number	Isotope	Compound	Ordered By	Date Received	Initial Activity	Current Activity	
V36	Hydrogen 3	Taurocholic Acid	Macatangay, Jose	08/26/2020	0.0832 mCi	0.0731361 mCi	Log Use
CH44934	Hydrogen 3	methionine	Macatangay, Jose	08/25/2020	0.25 mCi	0.193772 mCi	Log Use

[Add a Vial](#)
[See all Current Vials](#)

Pending Orders

RAN	Date Ordered	Product Code	Company	Lab Name	Contact	Room #	Building	Action
R9	08/30/2020	Sample	PerkinElmer	Mason	Sample	123	Ward	Edit

Viewing Rad Order Request History

To view past Rad Order requests, scroll to the bottom of the Rad Summary page and select “View RAD Request History”.

Pending Orders

RAN	Date Ordered	Product Code	Company	Lab Name	Contact	Room #	Building	Action
No RAD Requests have been placed for this lab yet. View RAD Request history for Research Safety (RS) Lab								
View RAD Request history								

On this page you can review all past Rad Requests. You can filter by Date Range, Building, Department, Lab, Campus and RAN (Rad Acquisition Number). You can also sort by the date the order was placed.

Rad Request History

Date Ordered From:

Building:

Department:

Lab:

Submit

Date Ordered To:

Campus:

RAN:

Date Ordered	RAN	Lab Name	Contact	Room #	Building	Status	Action
No RAD Requests have been placed for this lab yet. Back to Research Safety (RS) Lab							

Logging RAM Use

To log RAM use, go to the Rad Summary Page. Under Current Vials, select “Log Use” next to the appropriate vial.

Current Vials

Showing 1-10 of 17 results

Vial Number	Isotope	Compound	Ordered By	Date Received	Initial Activity	Current Activity	
V36	Hydrogen 3	Taurocholic Acid	Macatangay, Jose	08/26/2020	0.0832 mCi	0.073123 mCi	Log Use
CH39899	Hydrogen 3	Taurocholic Acid	Macatangay, Jose	08/26/2020	0.1 mCi	0.0878882 mCi	Log Use

In the pop-up window, complete Logged Usage, Date and Time fields. Remaining Activity will automatically decrement.

In the Log Message field, indicate what you did with the material. Click Save when you are finished entering data.

The screenshot shows a 'Current Vials' window with a 'Log Use' sub-window. The form contains the following fields:

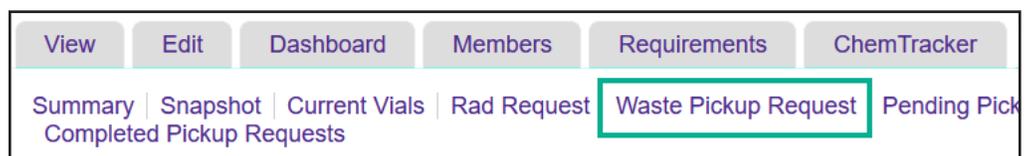
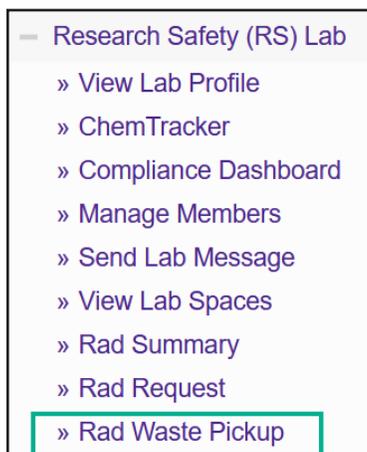
- Vial Number: V36
- Isotope: Hydrogen 3
- Starting Activity: 0.073123 mCi
- Logged Usage: * (input field) mCi
- Date: * 2022-12-08 (calendar icon)
- Time: 02 : 49 pm (dropdown menus)
- Remaining Activity: 0.073123 mCi
- Log Message: * (text area)

Buttons for 'Cancel' and 'Save' are located at the bottom right of the window.

Waste Pickup Request

You can access the waste pickup request page two different ways:

- Select "Rad Waste Pickup" in the left menu, or
- Select "Waste Pickup Request" from the Rad Summary page



Complete the “Containers to Pickup” fields, including the isotope and the type of waste container (include activity in mCi or uCi and volume, see Examples). Also indicate if you have any vials to pickup.

Research Safety (RS) Lab Waste Pickup

Containers to Pickup
Please fill in one line per isotope.

	Isotope	Bags	Source Vials	Liquid	Plastic	Scint. Vials
1)	< Please Select > v	<input type="text"/>				
2)	< Please Select > v	<input type="text"/>				
3)	< Please Select > v	<input type="text"/>				
4)	< Please Select > v	<input type="text"/>				
5)	< Please Select > v	<input type="text"/>				

Examples:

Bags (e.g., dry solids): 25 uCi, 22 GAL
 Source Vials: Check vial to pick up from list
 Liquid: 0.1 uCi, 1 container
 Plastic (sharps in sealable, puncture-proof container): 10 uCi, 1 container
 Scint. Vials: 50 uCi, 10 GAL

Vials To Pick Up:

CH44934: Hydrogen 3 - 06/05/2018 (0.193728 mCi Remaining)

CH44899: Carbon 14 - 03/23/2018 (0.0123895 mCi Remaining)

CH44900: Carbon 14 - 03/23/2018 (0.0247836 mCi Remaining)

You may skip the Supplies Requested section. Hazardous Waste Services will provide a 1-1 replacement when they pick up your waste. If you need additional supplies, contact Research Safety.

When you are finished entering waste for pickup, select Submit.

Supplies Requested:

1 Gallon Bottles:

5 Gallon (DAW) Pail:

5 Gallon Bags:

6 Quart Bags:

6 Quart White Pail:

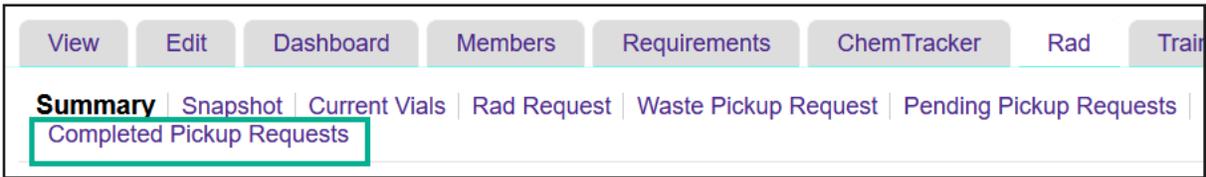
Hazardous Waste Tags:

Plastic Containers:

Radioactive Waste Tags:

View Completed Pickup Requests

From the Rad Summary page, select “Completed Pickup Requests”.



On this page you can review all completed waste pickup requests for your lab. You can sort by Date Requested. To view an individual request, select “View”.

Research Safety (RS) Lab Completed Pickup Requests				
Date Requested ▼	Lab	Contact Person	Status	
05/04/21 08:59:55	Research Safety (RS) Lab	Macatangay, Jose	Completed	View
08/26/20 01:15:58	Research Safety (RS) Lab	Macatangay, Jose	Completed	View