External Academic Submissions

For people outside of the Department of Chemistry, please:

1.) follow all the guidelines below

2.) include completed UofA Indent with your Sample Submission form
(http://nmr.chem.ualberta.ca/forms/indent.doc)

3.) schedule a sample drop-off time and location with NMR staff

To schedule please call 780.492.2573 or email staff (nupur.dabral@ualberta.ca or mark.miskolzie@ualberta.ca). Staff will contact you for sample return after acquisition and confirmation of data receipt.

Internal Academic Submissions

For people inside of the Department of Chemistry, please follow the guidelines below, and contact NMR staff (2-2573 or email) for a drop-off time at room WB-13.

All NMR Sample Submissions

Please download, complete our submission form (next page), and submit electronically to NMR Staff.

Do not just bring the form down with you as it's very hard to sterilize a piece of paper.

Step-by-Step Guide

1.) Download and complete the NMR "Request for Service Form"

Complete the form electronically (using add text boxes or print/scan/email *etc.*)

2.) Call the NMR lab at phone number 780-492-2573 and arrange a time

3.) Email the completed form(s) to your NMR staff contact person

4.) Prepare samples and clean your NMR sample tubes using an appropriate cleaner

(*e.g.* >70% isopropanol)

5.) Drop-off your samples (*i.e.* internal WB-13 or external clients arranged place/time)

6.) Await your completion email and arrange to retrieve your samples

Please let me know if you have any questions,
Ryan
http://www.ab.ca/nmr
ryan.mckay@ualberta.ca
780-920-8871

NMR Laboratory, Department of Chemistry
Chemistry West Bld., Basement Room WB-13 (780) 492-2573

UNIVERSITY OF ALBERTA

Request for NMR Service

1. Contact Information

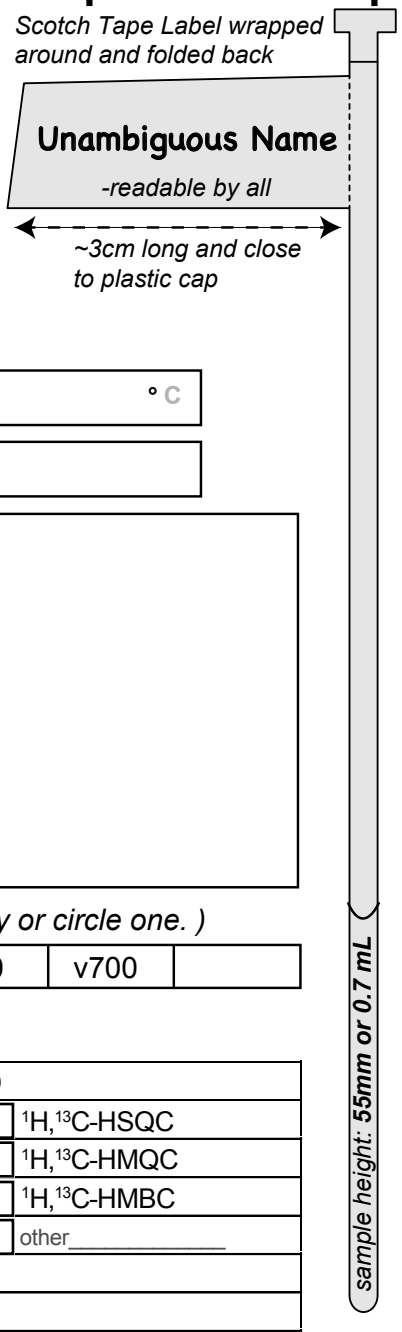
Your Name _____ Date _____ dd / m / yy

Supervisor or Company _____ Department or Faculty _____

Your Email _____

Phone Number _____

Example NMR Sample



2. Sample Information *(Filtered: ☐ yes ☐ no)*

Sample Name _____ Temp(s) _____ °C

Solvent(s) _____ Compound safe? *(toxic, explosive, unstable etc.)* _____

Proposed structure and/or special instructions.

3. Spectrometer *(Select spectrometer from drop down list labelled Any or circle one.)*

Any	s400	i400	mr400	u500	ibd5	i600	v700	

4. Experiments *(Please check selections)*

1D			2D		
☐ Temp > RT	☐ ^{13}C ^{1}H Dec		☐ COSY	☐ $^{1}H,^{13}C$-HSQC	
☐ Temp < RT (initial)	☐ ^{13}C APT		☐ MQF-COSY	☐ $^{1}H,^{13}C$-HMQC	
☐ Temp < RT	☐ ^{13}C ^{13}C Dec		☐ TOCSY	☐ $^{1}H,^{13}C$-HMBC	
☐ ^{1}H	☐ ^{13}C ^{31}P Dec		☐ T-ROESY	☐ other_____	
☐ ^{1}H ^{13}C Dec	☐ ^{31}P ^{1}H Dec		☐ NOESY		
☐ ^{1}H ^{1}H Dec	☐ ^{19}F ^{1}H Dec		☐ other_____		
☐ ^{1}H NOE	☐ ^{11}B ^{1}H Dec				
☐ ^{1}H TOCSY	☐ other_____				

5. Processing (Default = Printed Spectra, Integration and Peak Picking)

☐ Data Only *(no analysis)* ☐ Electronic PDFs *(no printout)* ☐ Other: _____

Operator Time _____ For external users only: P.O. or indent number _____