

# RBC Spectroscopic and Biophysics Core Facility

## ICP-MS Sample Request Form

Date:

Faculty PI:

Cost Center/WBS:

Department/Institution:

Phone:

Email:

List the protocol method or a list of elements you need analyzed\* (ICP-MS cannot be used for C, H, N, O, F and Si):

### Sample Information

Number of samples:

Sample Source: Bacteria  Yeast  Plant  Animal  Inorganic

If animal, what is the source? Cultured Cell line  Primary Cell line  Tissue

Does the sample contain a biological Hazard? Yes  No

If yes, please describe:

Does the sample contain radioactive isotopes? Yes  No

If yes, please describe:

Anything else that would be helpful to know about your sample (e.g. type of solvent or buffer, stability)?

\*The standard protocols routinely offered are (A) Li, B, Na, P, S, K, Mg, Ca, Mn, Fe, Co, Ni, Cu, Zn, As, Se, Mo and Cd in He mode, (B) same in H2 mode (higher sensitivity for Fe, Ca and Se), (C) Rare Earth Elements (Ce, Er, Gd, La, Nd, Sc, Th, U, Y, Dy, Eu, Ho, Lu, Pr, Tb, Tm, Yb and Sm). Methods A and B use Ga as internal standard (IS), method C uses Bi as IS.

Please email or return completed form to [jseravalli1@unl.edu](mailto:jseravalli1@unl.edu). Core personnel will respond within 24 h.

Core Director ▪ Javier Seravalli, Ph.D. ▪ 402-472-3124 ▪ [jseravalli1@unl.edu](mailto:jseravalli1@unl.edu) ▪ University of Nebraska-Lincoln ▪ E157 Beadle Center ▪ Lincoln, NE 68588-0662