

Sample Shipment Guidelines

I. Gel Sample

- a. Minimize keratin contamination
 - Work in a clean air environment (where possible)
 - Clean the bench before cutting the gel
 - Always use brand new pipette tips, razor blades, and tubes
 - Always use clean latex gloves (changed frequently) and do not touch surfaces that may have been in contact with an ungloved hand
- b. *Optional: Before cutting the gel, take a picture for future reference*
- c. Place cut gel bands/spots of interest into a 0.5 mL, 1.5 mL, or 1.7 mL autoclaved, labeled tube with ~100 μ L of H₂O
- d. Ship gel sample at ambient temperature (no refrigeration necessary) via overnight courier

II. Protein Solution Sample

- a. Buffer composition
 - The ideal solution background is water or \leq 50mM volatile salt (e.g., ammonium bicarbonate)
 - Avoid detergent, glycerol, and non-volatile salts when possible
- b. Ship protein sample, freeze-dried or in solution, on dry-ice via overnight courier

III. Cells or Tissue Sample

- a. Indicate the number of cells or weight of tissue
- b. For cells, indicate the buffer composition if not sending a pellet
- c. Ship cells or tissue sample on dry-ice via overnight courier

IV. Biofluid Sample

- a. Avoid sending samples that have been through freeze/thaw cycles
- b. Indicate the volume of biofluid
- c. Ship biofluid sample on dry-ice via overnight courier

Please ship samples along with completed sample submission form to:

Poochon Scientific
5350 Partners CT, STE. C
Frederick, MD 21703