

PROTEOMICS

SAMPLE PREP INSTRUCTIONS

Sample Requirements

Type	Size	Preparation & Shipping	Storage
Serum	40-80 µl	<ul style="list-style-type: none"> Ship on dry ice 	Samples stored at -65 to -85°C indefinitely
Plasma	40-80 µl	<ul style="list-style-type: none"> Double spun plasma isolated per blood collection tube manufacturer's instructions Ship on dry ice 	Samples stored at -65 to -85°C indefinitely
Cell Lysates	40-80 µl	<ul style="list-style-type: none"> Wash cells before resuspending in lysis buffer Recommended total protein concentration is 0.5 to 1 mg/ml and standardized across all samples Ship on dry ice 	Samples stored at -65 to -85°C indefinitely
Urine	40-80 µl	<ul style="list-style-type: none"> Perform clarifying spin to remove precipitates Ship on dry ice 	Samples stored at -65 to -85°C indefinitely

Packaging & Shipping Tips

If you are submitting a 96-well plate, organize your samples vertically and label with a unique identifier.

If you are submitting single tubes, label the lid or side with a unique identifier no more than 15 characters.

Specific and accurate sample information is required such as sample type, buffer, concentration, volume, extraction method, library method, sequencing run information.

Temperature controlled shipping is required. In summer months, please add additional ice packs.

Indicate sample concentration and volume in your NGS order sheet. See above for concentration minimums.

Samples will be retained for 3 months post project completion.

Why Psomagen?

- ✓ Fast turnaround
- ✓ US-based processing
- ✓ Superior data quality
- ✓ Ph.D. level support
- ✓ CLIA and CAP certified labs

Shipping Requirements

1. Label your samples with their unique sample IDs (no more than 15 characters)
2. Place all samples in a leak-proof container with absorbent materials
3. Send samples and NGS order sheet using UPS or FedEx overnight, to:

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