



High Abundance Protein Removal Sample Preparation Guidelines

Sample preparation is a critical element in achieving high abundance protein removal from your sample. Hence, discussions with an APAF staff member concerning the nature of samples to be sent for analysis is highly recommended.

Sample Preparation

Human Samples

1. Add protease inhibitor cocktail into the samples an appropriate concentration.
2. Centrifuge samples at 20,000 g for 10 min, discard pellets (bottom) and lipid (top) from the samples. Use middle part of the sample.
3. Filter through a 0.22 μm spin filter.
4. Ship samples (~500 μL /sample) to APAF on dry ice.

Rodent Samples

1. Add protease inhibitor cocktail into the samples an appropriate concentration.
2. Centrifuge samples at 20,000 g for 10 min, discard pellets (bottom) and lipid (top) from the samples. Use middle part of the sample.
3. Filter through a 0.22 μm spin filter.
4. Ship samples (100-200 μL /sample) to APAF on dry ice.

Pathogenicity

Biological samples coming into APAF should be accompanied by documentation of potential pathogenicity or pathogen free status otherwise APAF will presume all samples from human and animal origin are potential pathogens and will be treated accordingly.

How do I send samples from Overseas to APAF?

For guidelines and documentation required visit our [Quarantine guidelines](#).