

SOP for sample delivery – gels/ gel pieces

- Commercial Precast gels (e.g. NuPAGE Bis-Tris Gels, Invitrogen) should be used for preparing protein samples on gel
- Empty lanes (only loading buffer) should be left between the samples to avoid cross-contamination (exemption are technical replicates for LFQ-Experiments)
- **Important:** In case of short gel runs, the samples should not run longer than 1 cm into the gel! Gel runs should be monitored and stopped once the running front has reached 1cm into the gel (It is not important to see any separation, since the gel is only used for cleanup of the samples)
- Gels should be thoroughly washed with water after staining
- Gels or gels pieces have to be submitted together with a gel picture
- Whole gels or gel pieces should be stored at +4°C and submitted in a plastic container with water
- In case cut out short gel lanes are submitted; the lanes should be cut 2-3 mm below the running front
- **Important:** Please always clearly label your sample tubes with numbers according to the sample table of the meta data sheet!

SOP for sample delivery – precipitated protein pellets

- Protein precipitation should be followed by at least one washing step
- Protein precipitate should be dried (air drying at RT), such that there is no liquid visible on top of the pellets or on the side of the tubes
- It should be avoided to “overdry” pellets (close tubes as soon as all liquid is gone)
- Dried protein pellets can be stored frozen and shipped on dry ice or can be delivered on (water) ice, if transported to PCT directly
- **Important:** Please always clearly label your sample tubes with numbers according to the sample table of the meta data sheet!

SOP for sample delivery – pulldown samples

- Beads should be washed 2 - 3 times with 20 - 50 mM ammonium bicarbonate. In case your protocol suggests other buffers for washing, please clarify with PCT prior to sample preparation
- Beads should be delivered without any remaining liquid
- Beads without liquid can be stored frozen (- 80°C) and should be delivered on ice
- **Important:** Please always clearly label your sample tubes with numbers according to the sample table of the meta data sheet!

SOP for sample delivery – samples in solution

- If samples are delivered in a buffer solution, the composition of the solution has to be stated in the meta data sheet
- Please clarify the max. sample volume for the specific protocol that will be applied for your samples before preparing your samples
- The volume of the samples has to be stated in the meta data sheet. Please measure the volumes, do not estimate
- For samples that are submitted for gel runs the max. volume is 40 µl (without loading buffer) or 65 µl (with loading buffer). Smaller volumes are always beneficial whenever possible.
- Samples can be submitted on ice or frozen
- **Important:** Please always clearly label your sample tubes with numbers according to the sample table of the meta data sheet!