

Alternative method of Sample Preparation for Mass Cytometry (CyTOF). Linköping node only.

1 ml of sample is added to a 15 ml tube containing 1.4 ml protein stabilizer.

Vortex!

Incubate in exactly 10 minutes.

After EXACTLY 10 minutes, place the tubes in a -70°C freezer (max variation +/- 5 degrees).

Tilt the tubes slightly, but the solution should not reach the lid.

After 1-4 days transfer the samples to a -150°C freezer until shipment.

The samples should be transported in a box with dry ice.

Notes:

We provide you with the protein stabilizer and transport of the samples (DHL).

Protein stabilizer solution should be stored and handled in room temperature.

The sample can be Human or mouse peripheral blood, PBMC, bone marrow or other cell types, but have to be in a single cell suspension.

Minimum number of cells: 500,000 cells per sample.