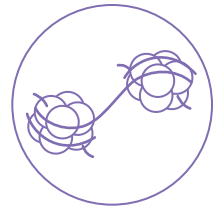


# Single-Cell ATAC-Seq Sample Submission: Best Practices



- Review the Azenta Life Sciences cell freezing protocol** (provided after order confirmation) and follow the steps carefully when preparing your samples.
- Use an appropriate cryopreservation media**, such as cell culture media supplemented with 20% FBS and 10% DMSO.
- Supply  $\geq 100,000$  cells** for each sample.
- Submit samples in duplicate** and specify which sample to process first in each pair.
- Validate that  $\geq 90\%$  of cells are viable after thawing** prior to submission. If we determine that cells are  $< 70\%$  viable post-thaw, we may have to perform a dead cell removal step.
- Send the electronic version of the Sample Submission Form** to [ngs@azenta.com](mailto:ngs@azenta.com).
- Print out your order receipt** and include it with your sample shipment.
- Label each tube clearly** with the sample name as it appears on the Sample Submission Form. Also, ensure the total number of samples matches the Form.
- Arrange samples in a tube rack or holder** in the order listed on the Sample Submission Form.
- Ship your samples directly to Azenta** via overnight service on dry ice. Use the shipping address listed on your order receipt.
- Monitor the status of your project online** through your customer account. The *Order Summary* page will show the latest status updates and the estimated delivery date.