

Best Practices Checklist: Single-Cell RNA-Seq

- Review the GENEWIZ 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 $\geq 50,000$ cells** for each sample.
- Submit samples in duplicate** and specify which sample to process first in each pair.
- Validate that $\geq 90\%$ 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.
- Upload the electronic version of the Sample Form** through your online account or email it to NGS@genewiz.com.
- Print out your order receipt** and include it with your samples.
- Label each tube clearly** with the sample name as it appears on the Sample Form. Also, ensure the total number of samples matches the Sample Form.
- Arrange samples in a tube rack or holder** in the order listed on the Sample Form.
- Submit your samples to GENEWIZ** by shipping directly to our facility via overnight service on dry ice. Use the shipping address listed on the order receipt.
- Track the status of your project online** through your GENEWIZ account. The Order Summary page will show the latest status information and the estimated delivery date.