

RNA extraction requirements

- Sample requirements–

Sample type*	Max number of cells/tissue
Cell pellet (after a wash in PBS)	$\leq 5 \times 10^6$ cells
Mammalian tissue	≤ 20 mg frozen or in RNAlater
Plant tissue	≤ 50 mg frozen or in RNAlater

* If your sample is from another source, please contact us

- Samples should be delivered in 1.7 ml tubes (cells) or 1.8 Cryotubes (tissue).
Best results are obtained with fresh material or material that has been immediately frozen and stored at -70°C . Repeated freezing and thawing of stored samples will lead to reduced length and yield of purified RNA. Samples preserved in RNA later should be first stored at 4°C overnight and then transferred to -70°C for long-term storage.
- Submit samples frozen (dry ice) to assure sample integrity.
- Tubes must be clearly marked with a serial number on the top and the side of the tube (not sample name), corresponding to the sample's number in the sample information form. In the matching electronic sample information form, write the number and a meaningful name. Ensure that the number on the tube is identical to the serial number of the sample in the electronic Sample Submission Form.
- An electronic sample information sheet should be filled and sent by e-mail to linde@technion.ac.il.