

High Throughput Single Cell RNA-Seq Sample Requirements



Sample Type		Quantity	Quality	Shipping Method
Cell		<p>Recommend</p> <ul style="list-style-type: none"> • Live Recommended >1M cells / sample, in duplicate • Minimum 200K cells / sample, in duplicate 	<ul style="list-style-type: none"> • Recommended 90% viability • Acceptable 70 -90% viability Dead Cell Removal 	<ul style="list-style-type: none"> • Fresh cell Courier service within 4 hour driving distance
		<p>Recommend</p> <ul style="list-style-type: none"> • Cryopreserved Recommended >1M cells / sample, in duplicate • Minimum 500K cells / sample, in duplicate 	<ul style="list-style-type: none"> • Required 50 -70% viability Minimum 300K cells • Fail QC < 50% viability 	<ul style="list-style-type: none"> • Cryopreserved cell Dry Ice
Tissue	Single Cell RNASeq	<ul style="list-style-type: none"> • Fresh tissue > 100mg / sample Cryopreserved tissue 	<ul style="list-style-type: none"> • Recommended >90% viability • Acceptable 70-90% viability • Dead Cell Removal Required 50%-70% viability • Fail QC <50% viability 	<ul style="list-style-type: none"> • Fresh tissue Stored in MACS tissue storage buffer and send with ice pack • Cryopreserved tissue Dry Ice
	Single Nuclei RNASeq	<ul style="list-style-type: none"> • Fresh tissue >100mg per sample • Flash-frozen tissue 30mg per sample, 3 tubes per sample Cryopreserved tissue 	N/A	<ul style="list-style-type: none"> • Fresh tissue Stored in MACS tissue storage buffer and send with ice pack • Cryopreserved tissue Dry Ice • Flash frozen tissue Dry Ice