

Chromium™ Single Cell 3' v2

Protocol Time Planner



	Bench Time	Instrumentation Time	Stop & Store Options
Single Cell 3' v2 Protocol	Cell Preparation Sample Dependent 1 - 1.5 h		
	1 h Reagent Prep - 20 min Loading Single Cell A Chip - 10 min Transferring GEMs - 3 min	GEM Generation - 6.5 min	
	2 h Post GEM-RT Recovery - 10 min Cleanup - Silane Beads - 35 min cDNA Amplification Prep - 5 min	GEM-RT Incubation - 55 min	4°C ≤72 h or -20°C ≤1 week
	3 h Cleanup - SPRIselect - 20 min	cDNA Amplification - 30 - 45 min	4°C ≤72 h
	4 h Frag, End Repair & A-tailing Prep - 10 min	QC & Quantification - 50 min	4°C ≤72 h or -20°C ≤1 week
	5 h Double Sided SPRIselect Sizing - 25 min Adaptor Ligation Prep - 10 min	Fragmentation, End Repair & A-tailing Incubation - 40 min	
	6 h Cleanup - SPRIselect - 20 min Sample Index PCR Prep - 10 min	Adaptor Ligation Incubation - 15 min	
	7 h Double Sided SPRIselect Sizing - 25 min	Sample Index PCR - 20 - 40 min	4°C ≤72 h
	8 h	QC - 50 min	4°C ≤72 h or -20°C long-term
		qPCR Quantification*	

*qPCR Quantification (~ 1 h total) time not included.