

# Chromium™ Genome v2

## Protocol Time Planner



	Bench Time	Instrumentation Time	Stop & Store Options
Day 1	gDNA Extraction 1 - 1.5 h		4°C ≤2 weeks or -20°C ≤6 months
	1 h Input gDNA Quantification & Dilution ~ 1.5 h 1 - 2 h (8 samples)		
	2 h Reagent Prep - 20 min Loading Genome Chip - 10 min		
	3 h Transferring GEMs - 3 min	GEM Generation - 20 min	
	4 h	GEM Isothermal Incubation - 3 h	
	5 h		
	6 h Post GEM Recovery - 10 min		4°C ≤72 h or -20°C ≤2 weeks
7 h Cleanup - Silane Beads - 35 min Cleanup - SPRIselect - 20 min		4°C ≤72 h or -20°C ≤2 weeks	

Day 2	1 h	QC - 50 min	
	End Repair & A-tailing Prep - 10 min		
	2 h	End Repair & A-tailing Incubation - 1 h	
	Adaptor Ligation Prep - 10 min		
	3 h	Adaptor Ligation Incubation - 15 min	
Cleanup - SPRIselect - 20 min Sample Index PCR Prep - 10 min			
4 h	Double Sided SPRIselect Sizing - 25 min	Sample Index PCR - 30 min	4°C ≤72 h 4°C ≤72 h or -20°C long-term
5 h		QC - 50 min qPCR Quantification*	

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