

Confirm Setup

Experiment Name: 20220208-1357_full-02

Instruction Level: Standard

Sample Index Plate: Single

GEM Check?: Yes

Mid-run QC?: Yes

qPCR Setup?: No

Pooling?: No

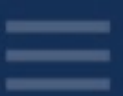
cDNA Cycles: 13

Sample ID	SI Plate	Cell Count	Expression
1 a	A4	< 500	High
2 b	B4	< 500	High

Please review these Setup selections (experiment name, inputs, and sample information), before proceeding on to the next stage of the run.

BACK

CONFIRM



SC3'GEX >

Setup >

Load >

Run >

Complete

Gather Items

Gather Reagents >

Get Started

1. Retrieve the listed consumables:

Item	Qty
Nuclease-free Water	10 ml
Ethanol, Pure (200 Proof, anhydrous)	40 ml
Hamilton	
Comfort Lids	6
50 µl Black CO-RE Pipette Tips, with filter	1 rack
300 µl Black CO-RE Pipette Tips, with filter	2 racks
Reagent Reservoirs, 60 ml	3
Eppendorf	
Semi Skirted Plate, 96 well	1
Full Skirted Plate, 96 well	1
Thermo Fisher Scientific	
MicroAmp 8-tube strips, 0.2 ml	2
Low TE Buffer	2ml
10x Genomics	
Chromium Next GEM Chip G Automated Single Cell Kit <i>Partitioning Oil, 50% Glycerol, Chip G (keep sealed)</i>	1

CANCEL

SCAN

CONFIRM



< Gather Items

Gather Reagents

Prep Modules >

Get Started

1. Retrieve the listed Chromium Next GEM Automated Single Cell 3' Library and Gel Bead Kit v3.1 items:

Box Label, Item	Temp, Qty
Library Module 1	4°C
Library Module 1 <i>Black tube strip</i>	1 tube strip/sample
Dynabeads MyOne SILANE	1 tube/run
Library Module 2	-20°C
Library Module 2 <i>Gray tube strip</i>	1 tube strip/sample
Library Module 3	-20°C
Library Module 3 <i>White tube strip</i>	1 tube strip/sample
Template Switch Oligo (TSO)	1 tube/run
Sample Index Plate (SI Plate)	-20°C
Single Index Plate T Set A	1 plate
Single Cell 3' Gel Beads	-80°C
Gel Bead Strip/s	1 tube/sample

CANCEL

SCAN

CONFIRM

SC3'GEX >

Setup >

Load >

Run >

Complete

< Gather Reagents

Prep Modules

Remove Carriers >

Start Timer

1. Thaw the listed reagents for **30 min**:

Temp, Location

37°C, Benchtop Thermal Cycler (*lid temperature 50°C*)

Library Module 1, Black tube strip
After 15 min, vortex & return

4°C, Storage

Library Module 3, White tube strip

Room Temperature, Off-Deck Workspace

Library Module 2, Gray tube strip

Dynabeads

Gel Beads

TSO

SI Plate

2. Process to next screen while reagents thaw.

CANCEL

SCAN 

CONFIRM

SC3'GEX >

Setup >

Load >

Run >

Complete

< Prep Modules

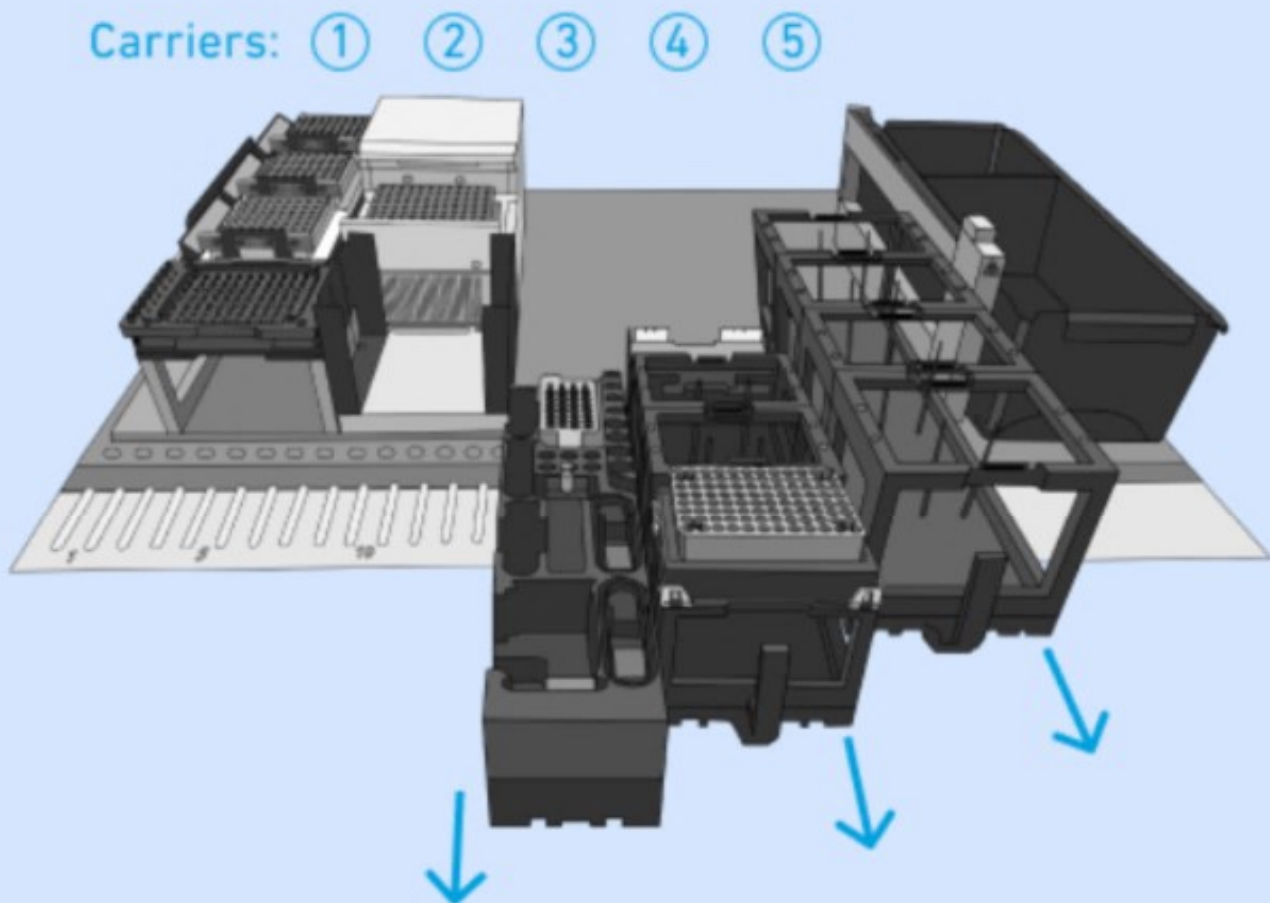
Remove Carriers

Load Consumables >

Remove Carriers From Deck

During Reagent Thaw

1. Open Front Panel.
2. Slide out Carriers 3, 4, and 5 from the deck completely and place on an off-deck workspace.



CANCEL

SCAN 

CONFIRM

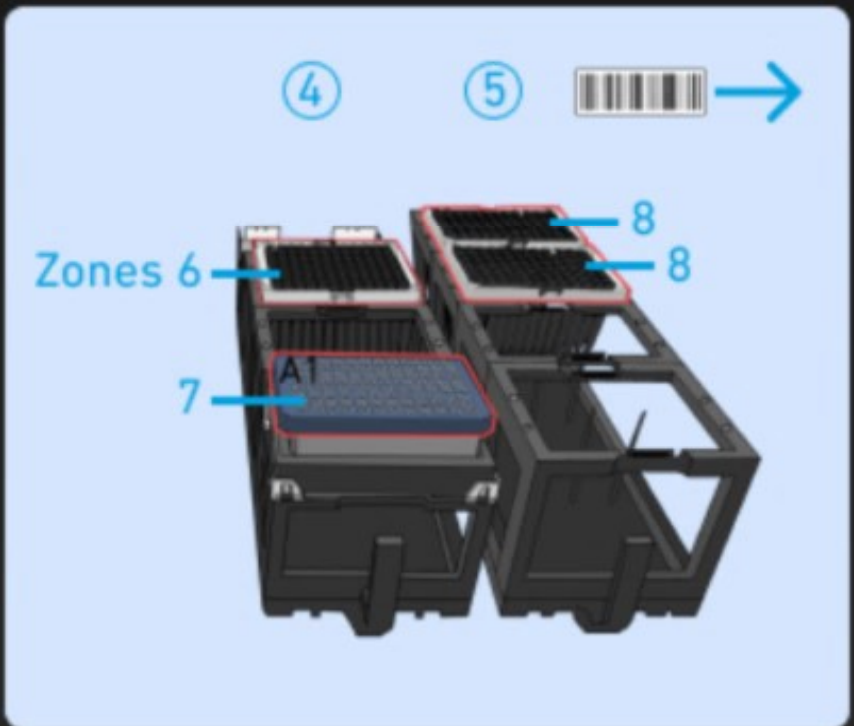
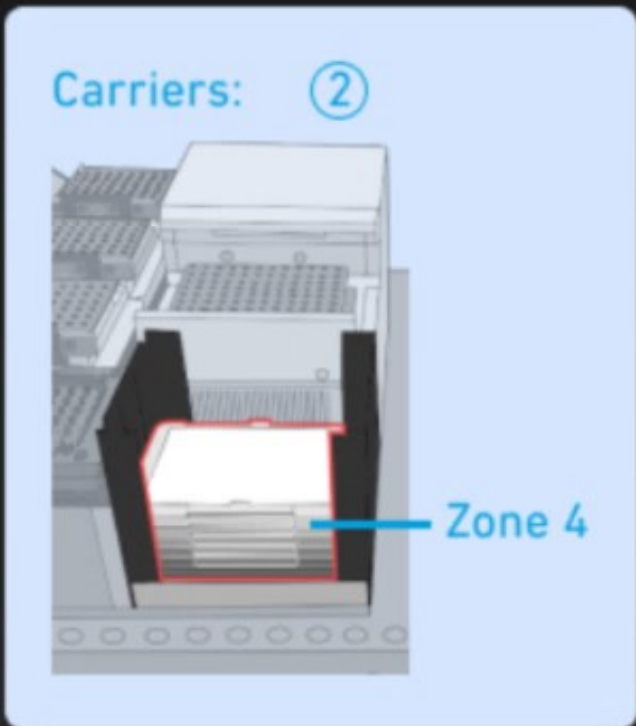
SC3'GEX > Setup > **Load** > Run > Complete

< Remove Carriers **Load Consumables** Load SI Plate >

Carrier Loading
During Reagent Thaw

1. Load consumables into corresponding locations in Carriers 2, 4, and 5:

Item	Qty	Location
Comfort Lids	6 ea	Zone 4
50 µl Pipette Tips <i>Barcodes face right in carrier</i>	1 ea	Zone 6
Semi Skirted Plate <i>A1 top left</i>	1 ea	Zone 7
300 µl Pipette Tips <i>Barcodes face right in carrier</i>	2 ea	Zone 8



CANCEL

SCAN

CONFIRM