

Project: _____ Batch: _____ Image Date: _____

1 Quant DNA (Optional/LIMS) (Pre-Amp)

Date/Time: _____ BCD Plate: _____ QDNA Plate: _____
 Operator: _____ Robot: _____ (1) _____
 (2) _____
 (3) _____
 Standard BCD Plate: _____ Standard QDNA Plate: _____

2 Make MSA4 (Pre-Amp)

Date/Time: _____ WG#-BCD Plate: _____
 Operator: _____ Robot: _____ MSA4 Plate: _____
 Plate Positions on Robot Bed: _____ MA1 Reagent: _____
 Batch #: _____ RPM Reagent: _____
 Number of Samples: 48 / 96 MSM Reagent: _____
 Hyb Oven (37°C, 20–24 h): Start: _____ Stop: _____ *Record WG#-BCD sample IDs in table on page 4.*

3 Fragment MSA4 (Post-Amp)

Date/Time: _____ FMS Reagent: _____
 Operator: _____ Robot: _____
 Plate Positions on Robot Bed: _____
 Vortex at 1600 rpm
 Heat block (37°C, 1 h): Start: _____ Stop: _____

4 Precip MSA4 (Post-Amp)

Date/Time: _____ 2-propanol Lot #: _____
 Operator: _____ Robot: _____ 2-propanol Date Opened: _____
 Plate Positions on Robot Bed: _____ PM1 Reagent: _____
 Vortex at 1600 rpm
 Heat block (37°C, 5 m): _____
 Incubate (4°C, 30 m): Start: _____ Stop: _____
 Centrifuge 3000 × g (4°C, 20 m): Start: _____ Stop: _____

 Air dry (22°C, 1 h): Start: _____ Stop: _____

Project: _____ Batch: _____ MSA4 Plate: _____ Image Date: _____

5 Resuspend MSA4 (Post-Amp)

Date/Time: _____ RA1 Reagent: _____

Operator: _____ Robot: _____

Plate Positions on Robot Bed: _____

Hyb Oven (48°C, 1 h): Start: _____ Stop: _____

6 Hyb Multi BeadChip (Post-Amp)

Date/Time: _____ PB2 Reagent: _____

Operator: _____ Robot: _____ *Depending on your BeadChip, refer to pages 5, 6, or 7 for*

Vortex at 1800 rpm

BeadChip loading instructions. Enter the BeadChip barcodes in the spaces provided.

Heat block (95°C, 20 m): Start: _____ Stop: _____

Hyb Oven (48°C, 16–24 h): Start: _____ Stop: _____

7 Wash BeadChip (Post-Amp)

Date/Time: _____ PB1 Reagent: _____

Operator: _____

8 XStain BeadChip (Post-Amp)

Date/Time: _____ RA1 Reagent: _____

Operator: _____ Robot: _____ XC3 Reagent: _____

Record the Chamber Rack position for each BeadChip on page 4.

XC1 Reagent: (1-8) _____
(9-16) _____
(17-24) _____

XC2 Reagent: (1-8) _____
(9-16) _____
(17-24) _____

STM Reagent: (1-8) _____
(9-16) _____
(17-24) _____

STM Temperature: _____ °C

TEM Reagent: (1-8) _____
(9-16) _____
(17-24) _____

ATM Reagent: (1-8) _____
(9-16) _____
(17-24) _____

XC4 Reagent: _____

PB1 Reagent: _____

9 Image BeadChip (Post-Amp)

Record the iScan® System or HiScan™ System ID and the image date for each BeadChip on pages 5-7.

Record DNA Sample IDs in the MSA4 Plate

Columns 1–4 of microplate

	1	2	3	4
A	_____	_____	_____	_____
B	_____	_____	_____	_____
C	_____	_____	_____	_____
D	_____	_____	_____	_____
E	_____	_____	_____	_____
F	_____	_____	_____	_____
G	_____	_____	_____	_____
H	_____	_____	_____	_____

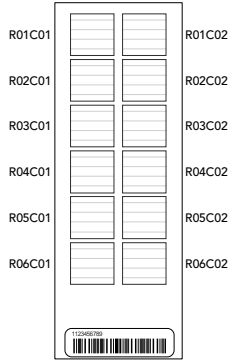
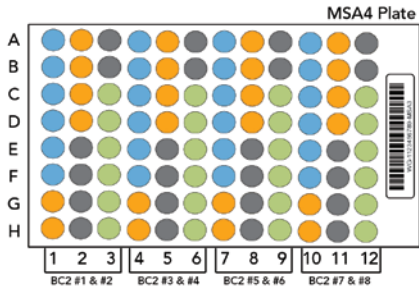
Columns 5–8 of microplate

	5	6	7	8
A	_____	_____	_____	_____
B	_____	_____	_____	_____
C	_____	_____	_____	_____
D	_____	_____	_____	_____
E	_____	_____	_____	_____
F	_____	_____	_____	_____
G	_____	_____	_____	_____
H	_____	_____	_____	_____

Columns 9–12 of microplate

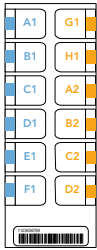
	9	10	11	12
A	_____	_____	_____	_____
B	_____	_____	_____	_____
C	_____	_____	_____	_____
D	_____	_____	_____	_____
E	_____	_____	_____	_____
F	_____	_____	_____	_____
G	_____	_____	_____	_____
H	_____	_____	_____	_____

Track BeadChip Information for the 12x1 HD BeadChip



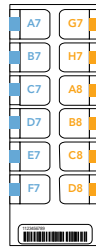
Sample Section Naming Diagram

BC2 #1



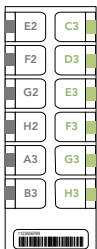
Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #5



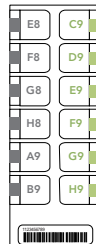
Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #2



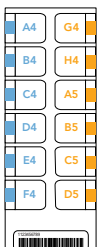
Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #6



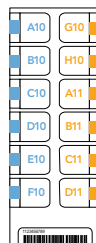
Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #3



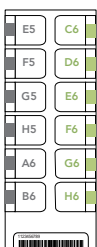
Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #7



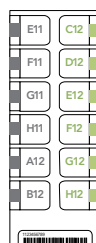
Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #4



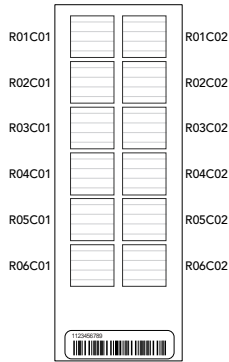
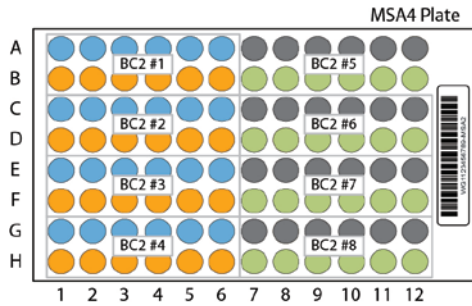
Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #8



Barcode: _____
Scanner ID: _____
Image Date: _____

Track BeadChip Information for the 12x1 HD BeadChip (Alternate Option)



Sample Section Naming Diagram

BC2 #1



Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #5



Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #2



Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #6



Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #3



Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #7



Barcode: _____
Scanner ID: _____
Image Date: _____

BC2 #4



Barcode: _____
Scanner ID: _____
Image Date: _____

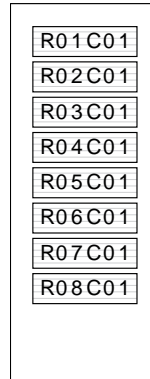
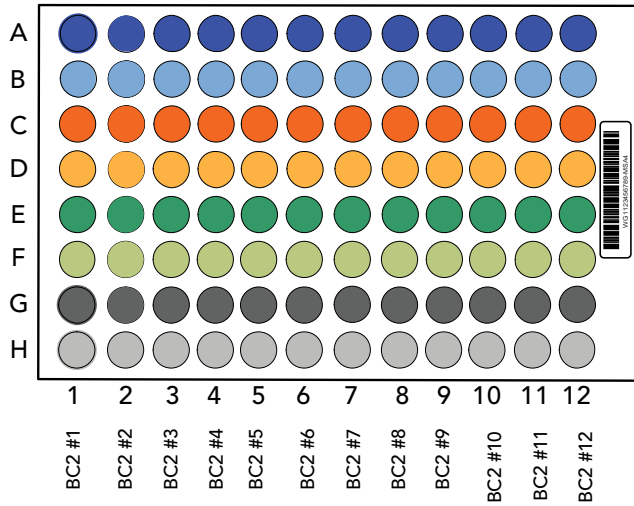
BC2 #8



Barcode: _____
Scanner ID: _____
Image Date: _____

Track BeadChip Information for the 8x1 HD BeadChip

MSA4 Plate



Sample Section Naming Diagram

<p>BC2 #1</p> <p>Barcode: _____</p> <p>Scanner ID: _____</p> <p>Image Date: _____</p>	<p>BC2 #2</p> <p>Barcode: _____</p> <p>Scanner ID: _____</p> <p>Image Date: _____</p>	<p>BC2 #3</p> <p>Barcode: _____</p> <p>Scanner ID: _____</p> <p>Image Date: _____</p>	<p>BC2 #4</p> <p>Barcode: _____</p> <p>Scanner ID: _____</p> <p>Image Date: _____</p>
<p>BC2 #5</p> <p>Barcode: _____</p> <p>Scanner ID: _____</p> <p>Image Date: _____</p>	<p>BC2 #6</p> <p>Barcode: _____</p> <p>Scanner ID: _____</p> <p>Image Date: _____</p>	<p>BC2 #7</p> <p>Barcode: _____</p> <p>Scanner ID: _____</p> <p>Image Date: _____</p>	<p>BC2 #8</p> <p>Barcode: _____</p> <p>Scanner ID: _____</p> <p>Image Date: _____</p>
<p>BC2 #9</p> <p>Barcode: _____</p> <p>Scanner ID: _____</p> <p>Image Date: _____</p>	<p>BC2 #10</p> <p>Barcode: _____</p> <p>Scanner ID: _____</p> <p>Image Date: _____</p>	<p>BC2 #11</p> <p>Barcode: _____</p> <p>Scanner ID: _____</p> <p>Image Date: _____</p>	<p>BC2 #12</p> <p>Barcode: _____</p> <p>Scanner ID: _____</p> <p>Image Date: _____</p>