illumina®

Infinium HD FFPE Assay
Lab Tracking Form

1 FFPE QC

Date/Time: _____ QCP Reagent: _____
Operator: _____ QCT Reagent: _____
qPCR Plate: _____ ☒ Vortex at 1600 rpm
Number of Samples: _____

2 DNA Restore

Date/Time: _____ AMR Reagent: _____
Operator: _____ CMM Reagent:_____
PRS Plate: _____ ERB Reagent: _____
RST Plate: _____ PPR Reagent: _____
Number of Samples: _____ ☐ Vortex at 1600 rpm
PRS plate heat block (37°C, 1 h): Start _____ Stop _____
PRS plate heat block (95°C, 2 min): Start _____ Stop _____
RST plate heat block (37°C, 1 h): Start _____ Stop _____

Project: _____ Batch: _____ MSA5 Plate: _____ Image Date: _____

Part # 15021527 Rev. A

3 Make MSA5

Date/Time: _____
Operator: _____ Robot: _____
Plate Positions on Robot Bed: _____
Batch #: _____
Number of Samples: 48 / 96
Hyb oven (37°C, 20-24 h): Start _____ Stop _____

MSA5 Plate: _____
MA1 Reagent: _____
RPM Reagent: _____
MSM Reagent: _____
Record WG#-DNA sample IDs in table on page 4.

4 Fragment MSA5

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

FMS Reagent: _____

5 Precip MSA5

Date/Time: _____
Operator: _____ Robot: _____
Plate Positions on Robot Bed: _____
☐ Vortex at 1600 rpm
Heat block (37°C, 5m): _____
Incubate (4°C, 30m): Start: _____ Stop: _____
Air dry (22°C, 1 h): Start: _____ Stop: _____

2-propanol Lot #: _____
2-propanol Date Opened: _____
PM1 Reagent: _____

6 Resuspend MSA5

Date/Time: _____
Operator: _____ Robot: _____
Plate Positions on Robot Bed: _____
Hyb oven (48°C, 1 h): Start _____ Stop _____

RA1 Reagent: _____

7 Hyb Multi BC2

Date/Time: _____
Operator: _____ Robot: _____
Heat block (95°C, 20m): Start: _____ Stop: _____
☐ MSA5 plate cool-down (30 m)
☐ Centrifuge MSA5 plate to 280 xg
Hyb oven (48°C, 16-24 h): Start _____ Stop _____

PB2 Reagent: _____
_____
_____

Refer to page 4 for BeadChip loading instructions. Enter the BeadChip barcodes in the spaces provided.

Part # 15021527 Rev. A

8 Wash BeadChip

Date/Time: _____

Operator: _____ Robot: _____

☐ Hyb Chamber cool-down (25 m)

PB1 Reagent: _____

_____

_____

9 XStain HD BeadChip

Date/Time: _____

Operator: _____ Robot: _____

Record the chamber rack position for each BeadChip on page 6.

RA1 Reagent: _____

XC1 Reagent: (1-8) _____

(9-16) _____

(17-24) _____

XC2 Reagent: (1-8) _____

(9-16) _____

(17-24) _____

TEM Reagent: (1-8) _____

(9-16) _____

(17-24) _____

XC3 Reagent: _____

STM Reagent: (1-8) _____

(9-16) _____

(17-24) _____

STM Temperature: _____

ATM Reagent: (1-8) _____

(9-16) _____

(17-24) _____

PB1 Reagent: _____

XC4 Reagent: _____

10 Image BeadChip

Record the Scanner ID and the image date for each BeadChip on page 5.

Record DNA Sample IDs in the MSA5 Plate

Columns 1–4 of Microtiter Plate

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

Columns 5–8 of Microtiter Plate

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

Columns 9–12 of Microtiter Plate

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

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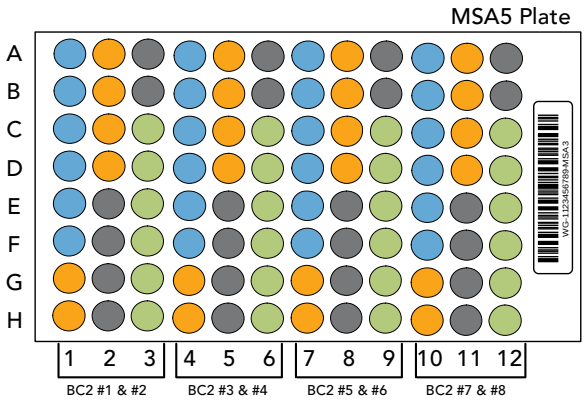
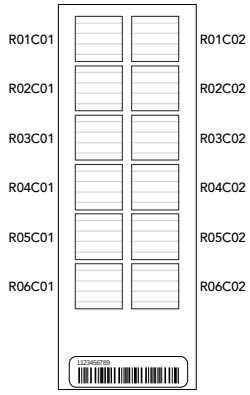
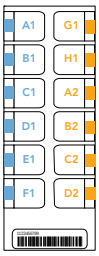
Track BeadChips 1-8 for the 12x1 HD BeadChip





Sample Section Naming Diagram

BC2 #1

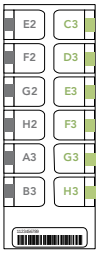


Barcode: _____

Scanner ID: _____

Image Date: _____

BC2 #2

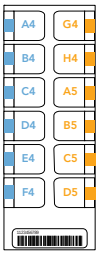


Barcode: _____

Scanner ID: _____

Image Date: _____

BC2 #3



Barcode: _____

Scanner ID: _____

Image Date: _____

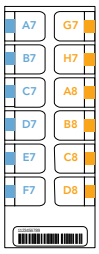
BC2 #4

Barcode: _____

Scanner ID: _____

Image Date: _____

BC2 #5



Barcode: _____

Scanner ID: _____

Image Date: _____

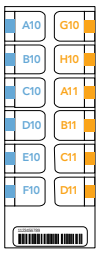
BC2 #6

Barcode: _____

Scanner ID: _____

Image Date: _____

BC2 #7

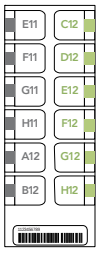


Barcode: _____

Scanner ID: _____

Image Date: _____

BC2 #8



Barcode: _____

Scanner ID: _____

Image Date: _____

Chamber Rack Position Chart

Use this chart to enter BeadChip IDs in the appropriate chamber rack position during the XStain HD BeadChip step.

Row 1	Row 2	Row 3
1 _____	9 _____	17 _____
2 _____	10 _____	18 _____
3 _____	11 _____	19 _____
4 _____	12 _____	20 _____
5 _____	13 _____	21 _____
6 _____	14 _____	22 _____
7 _____	15 _____	23 _____
8 _____	16 _____	24 _____