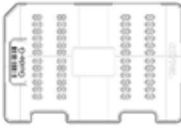
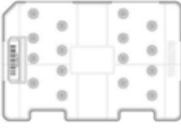
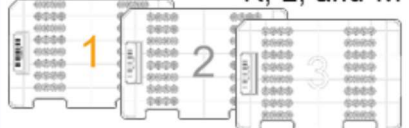





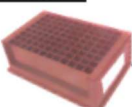



Automated Infinium Processing Comparison

	HD*	HTS	LCG		XT
Make MSA		MA1 MA2 MSM	MA1 RPM MSM	-- RPM AMM	MA1 MA2 RAM
Incubate MSA	20–24 Hours				3–24 hours
Frag MSA	FMS		FMS	FRG	FMS
Tip Guide	HD Super B or E HD Ultra: B or D	 G	 F	 K, L, and M	
Glass Back Plate Used	HD 	LCG 	XCG 		
PB2 Format	PB2 Shipped at 1X concentration				PB20 Shipped at 20X conc. (requires 20L carboy to dilute)
X Stain	XC1 XC2 TEM STM Tubes 	LX1 LX2 EML SML Tubes 	XP1 Plate:  EML 		
Common Reagents	0.1 NaOH during Make MSA, 95% Formamide 10 mM EDTA for target removal, ATM during Stain, XC3 and XC4 for wash and coat				

* The HD glassback is used in HD Super, Multi-Use, Methylation, and HD Ultra protocols

Part Number - Description (# provided)

Teflow Accessories for HD-X Stain

WG-10-202 – Infinium Teflow Chamber HD (1)
WG-10-203 – HD Spacers (500)

Teflow Accessories for LCG and HTS X-Stain*

WG-100-2001 - Infinium Teflow LCG Upgrade kit (8)
WG-100-2002 - Infinium Teflow LCG Upgrade kit (24)
WG-100-1001 – Infinium Teflow Chamber LCG (10)
WG-100-1002 – LCG Spacers (500)

Teflow Accessories for XT X-Stain

20012129 – XT Teflow Chamber (8)
20011756 – XT Glass Back Plates (8)
TeFlow Clips 20011758 (16)
TeFlow Frames 20011757 (8)

Tip Guides

B: SE-104-1005 (12)
D: SE-104-1009 (6)
E: SE-104-1011 (6)
F: SE-104-1013 (12)
G: SE-104-1015 (8)
K, L, and M: 20011102 (6)







The Infinium Teflow LCG upgrade kit has glassback plates and 1 box of spacers

Teflow Chambers have frames, clips and glassback plates

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Not for use in diagnostic procedures.

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Manual Infinium Processing Comparison

	HD*	HTS	LCG		XT
Make MSA		MA1 MA2 MSM	MA1 RPM MSM	-- RPM AMM	MA1 MA2 RAM
Incubate MSA	20–24 Hours				3–24 hours
Frag MSA	FMS		FMS	FRG	FMS
Pipette used to manually BeadChip Hybridization	Standard Single or Multichannel	Standard Single or Adjustable Multichannel	Standard Single or Multichannel		Standard multichannel and K,L, and M Tip Guides 
Glass Back Plate Used	HD 	LCG 	XCG 		
X Stain	XC1 XC2 TEM STM 	LX1 LX2 EML SML 			
PB2 Format	PB2 Shipped at 1X concentration				PB20 Shipped at 20X conc. (requires 20L carboy to dilute)
Common Reagents	0.1 NaOH during Make MSA, 95% Formamide 10 mM EDTA for target removal, ATM during Stain, XC3 and XC4 for wash and coat array				

* The HD glassback is used in HD Super, Multi-Use, Methylation, and HD Ultra protocols

Part Numbers - Description (# provided)

Teflow Accessories for HD-X Stain

WG-10-202 – Infinium Teflow Chamber (1)
WG-10-203 – HD Spacers (500)

Adjustable multi-channel recommended for HTS hybridization

Rainin #170118444

Teflow Accessories for LCG and HTS X-Stain*

WG-100-2001 - Infinium Teflow LCG Upgrade kit (8)
WG-100-2002 - Infinium Teflow LCG Upgrade kit (24)
WG-100-1001 – Infinium Teflow Chamber LCG (10)
WG-100-1002 – LCG Spacers (500)

Optional Tip Guides For Infinium XT

K, L, and M: 20011102 (6)

The Infinium Teflow LCG upgrade kit has glassback plates and 1 box of spacers

Teflow Chambers have clips, frames and glassback plates

Teflow Accessories for XT X-Stain

20012129 – XT Teflow Chamber (8)
20011756 – XT Glass Back Plates (8)
TeFlow Clips 20011758 (16)
TeFlow Frames 20011757 (8)

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Minimum Infinium Software Requirements

	HD	HTS	LCG	XT
IAC (Tecan)	4.12.17	5.2.0	5.0.4	6.0
Illumina LIMS	1.6.2	4.6.12	4.5.35	NA
AutoLoader	2.2.13	2.3.0	2.3.0	2.3.0
ICS (iScan)	3.1.17	3.3.28	3.3.28	3.4.7
Beeline	1	1	1	2.0
GenomeStudio	2010.2	2011.1	2011.1	2.0

Note: Versions listed are the minimum software requirements for each chip version. All versions are backward compatible with previous software versions and chips.