

**INFINIUM® XT STARTER KIT
(12 BEADCHIP BATCHES)
20015525**

**INFINIUM® XT STARTER KIT
(24 BEADCHIP BATCHES)
20011100**

**INFINIUM® XT STARTER KIT
(48 BEADCHIP BATCHES)
20011069**

DESCRIPTION	<i>These kits support new-to-Infinium customers looking to perform targeting genotyping at an ultra-high throughput level utilizing the Infinium XT workflow. The quantities of hardware/accessories of these kits differ depending on whether you are looking to run a 12 beadchip X-Stain batch, 24 beadchip X-Stain batch or 48 beadchip X-Stain batch through the Infinium XT workflow. Tip Guides, iScan®, AutoLoader 2.x and automation robot sold separately. Note: Tip Guide Set must be purchased separately.</i>		
HARDWARE			
HIGH-SPEED SHAKER	2	2	2
HIGH-TEMPERATURE FASTENER	36 inches	36 inches	36 inches
NYLON HOOK FASTENER	204 inches	204 inches	204 inches
THERMOMETER ASSEMBLY FOR TEFLOW	1	1	1
HEAT SEALER, 96-WELL PLATE ADAPTER AND FOIL	1	1	1
WATER RECIRCULATOR AND SILICON BRAID TUBING	1	1	1
STAINING SET (RACK AND WASH DISH)	1	1	2
WASH RACK	2	3	6
GLASS TRAY	4	4	8
GLASS BACK PLATE RACK	1	1	2
HYBRIDIZATION CHAMBER*	2	4	8
BEADCHIP STORAGE BOX (EACH CAN HOLD 25 SLIDES)	1	3	3
USB TO SERIAL PORT ADAPTER	1	1	1
TEFLOW CHAMBER* (INCLUDES XCG GLASS BACK PLATES, XCG CLIPS AND XCG FRAMES)	16	24	48
INFINIUM FLOW CELL TOOL	1	2	2
VACUUM DESICCATOR WITH TUBING AND RACKS	1	2	4
HYBRIDIZATION OVEN WITH ROCKER ATTACHMENT & MAT	2	2	4
HEAT BLOCK W/ MIDI-PLATE INSERT	4	6	6
FLOW THROUGH CHAMBER ASSEMBLY TRAY*	1	2	4
DUAL HYB CHAMBER INSERT AND BASEPLATE*	6	12	24
ACCESSORIES			
FEMALE AND MALE FITTINGS (SET OF 4)	2	2	2
TECAN ADDITIVES	1	1	1
HOSE CLAMPS (BOX)	1	1	1
L-SHAPE CONNECTOR	2	2	2
TWEEZERS	1	1	1

**Infinium XT Specific Hardware*

For Research Use Only. Not for use in diagnostic procedures.



**INFINIUM® XT UPGRADE PACKAGE
(12 BEADCHIP BATCHES)
20015526**

**INFINIUM® XT UPGRADE PACKAGE
(24 BEADCHIP BATCHES)
20011101**

DESCRIPTION	<i>These kits support existing Infinium customers looking to add the Infinium XT workflow to expand their targeted genotyping applications. They include quantities of XT hardware components to support processing up to 12 or 24 beadchip X-Stain batches through the Infinium XT workflow. iScan®, AutoLoader 2.x and automation robot sold separately. Note: Tip Guide Set is included</i>	
<i>HARDWARE</i>		
FLOW THROUGH CHAMBER ASSEMBLY TRAY*	1	2
WASH RACK	2	3
GLASS BACK PLATE RACK	1	1
TEFLOW CHAMBER* (INCLUDES XCG GLASS BACK PLATES, XCG CLIPS AND XCG FRAMES)	16	24
DUAL HYB CHAMBER INSERT AND BASEPLATE*	6	12
XT TIP GUIDES (K,L,M) *	6	12
HYBRIDIZATION CHAMBER*	2	4

**Infinium XT Specific Hardware*

INFINIUM® XT HARDWARE SOLD SEPARATELY

DESCRIPTION	<i>Infinium XT hardware is available as sold separately to support custom kit configurations, lab throughput needs and spare parts. Parts listed below with an asterisk (*) are unique to Infinium XT. Additional hardware components may be needed to support throughput needs. XT Tip Guides required to run the Infinium XT assay and ordered separately from Infinium XT 12, 24 and 48 BeadChip Batch Starter Kits. Tip Guides are included in the Infinium XT 12 and 24 BeadChip Upgrade Kits.</i>
<i>HARDWARE</i>	<i>CATALOG NUMBER</i>
FLOW THROUGH CHAMBER ASSEMBLY TRAY*	20011760
WASH DISH	198205
WASH RACK	203676
GLASS BACK PLATE RACK	20011754
TEFLOW CHAMBER (8-PACK) * (INCLUDES XCG GLASS BACK PLATES, XCG CLIPS AND XCG FRAMES)	20012129
TEFLOW GLASS BACK PLATE (8-PACK) *	20011756
TEFLOW CHAMBER FRAMES (8-PACK) *	20011757
TEFLOW CHAMBER CLIPS (16-PACK) *	20011758
DUAL HYB CHAMBER INSERT AND BASEPLATE*	20011759
XT TIP GUIDES* (K,L,M) (6-PACK)	20011102
HYBRIDIZATION CHAMBER*	20011755
GASKET FOR HYB CHAMBER*	20012127

**Infinium XT Specific Hardware*

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Infinium® XT Hardware and Accessory Kits Summary

CATALOG ID	DESCRIPTION	
20015525	INFINIUM® XT STARTER KIT (12 BEADCHIP BATCHES)	<p>This kit supports new-to-Infinium customers looking to perform targeted genotyping at a high-throughput level utilizing the Infinium XT workflow. It includes accessory equipment required to support up to 12-Chip batch X-Stain processing of the Infinium XT assay for whole-genome genotyping applications using the iScan System. Actual throughput may vary due to operation hours, protocol familiarity, and workflow efficiency. Available in 110V and 220V.</p> <p>Tip Guides, iScan, AutoLoader 2.x and automation robot sold separately. Note: Tip Guide Set must be purchased separately.</p>
20011100	INFINIUM® XT STARTER KIT (24 BEADCHIP BATCHES)	<p>This kit supports new-to-Infinium customers looking to perform targeted genotyping at a high-throughput level utilizing the Infinium XT workflow. It includes accessory equipment required to support 24-Chip batch X-Stain processing of the Infinium XT assay for whole-genome genotyping applications using the iScan System. Actual throughput may vary due to operation hours, protocol familiarity, and workflow efficiency. Available in 110V and 220V.</p> <p>Tip Guides, iScan, AutoLoader 2.x and automation robot sold separately. Note: Tip Guide Set must be purchased separately.</p>
20011069	INFINIUM® XT STARTER KIT (48 BEADCHIP BATCHES)	<p>This kit supports new-to-Infinium customers looking to perform targeted genotyping at a production level scale utilizing the Infinium XT workflow. It includes accessory equipment required to support 48-Chip batch X-Stain processing of the Infinium XT assay for whole-genome genotyping applications using the iScan System. Additional robots may require additional purchase of the Automation Expansion Kit. Actual throughput may vary due to operation hours, protocol familiarity, and workflow efficiency. Available in 110V and 220V. Tip Guides, iScan, AutoLoader 2.x and automation robot sold separately. Note: Tip Guide Set must be purchased separately.</p>
20015526	INFINIUM® XT UPGRADE KIT (12 BEADCHIP BATCHES)	<p>This kit supports existing Infinium customers looking to add the Infinium XT workflow to expand their targeted genotyping applications. It includes Infinium XT specific accessories required to process up to 12-Chip X-Stain batches through the Infinium XT workflow. Option Package includes XT-specific Hardware: Flow Through Assembly Tray (1), Teflow Chambers (16), Dual Hyb Chamber and Baseplate (6), Tip Guides K, L, and M (6 each), and Hybridization Chamber (2). Also includes additional Wash Rack (1) and Glass Back Plate Rack (1). iScan, AutoLoader 2.x and automation robot sold separately. Note: Tip Guide Set is included</p>
20011101	INFINIUM® XT UPGRADE KIT (24 BEADCHIP BATCHES)	<p>This kit supports existing Infinium customers looking to add the Infinium XT workflow to expand their targeted genotyping applications. It includes Infinium XT specific accessories required to process 24-Chip X-Stain batches through the Infinium XT workflow. Option Package includes XT-specific Hardware: Flow Through Assembly Tray (2), Teflow Chambers (24), Dual Hyb Chamber and Baseplate (12), Tip Guides K, L, and M (12 each), and Hybridization Chamber (4). Also includes additional Wash Rack (1) and Glass Back Plate Rack (1). iScan, AutoLoader 2.x and automation robot sold separately. Note: Tip Guide Set is included</p>
20011102	INFINIUM® XT TIP GUIDE SET	<p>This set supports the Hyb Step of the Infinium XT assay for both manual and automated workflows. It includes a quantity of six sets of 3 (K, L, and M) tip guides used in the Infinium XT assay.</p>

Infinium® XT Reagent and BeadChip Kits

<i>CATALOG ID</i>	<i>DESCRIPTION</i>	
20006613	<i>INFINIUM® XT ISELECT-96 KIT (1,152 SAMPLES)</i>	This kit contains 12 BeadChips and plate-based reagents to process 1,152 samples for up to 12 BeadChip X-Stain batches utilizing the Infinium XT ST workflow. Note: PB20 reagent not included, must be ordered separately
20006614	<i>INFINIUM® XT ISELECT-96 KIT (4,608 SAMPLES)</i>	This kit contains 48 BeadChips and plate-based reagents to process 4,608 samples in 24 or 48 BeadChip X-Stain batches utilizing the Infinium XT HT or UHT workflow. Note: PB20 reagent not included, must be ordered separately
20006615	<i>INFINIUM® XT ISELECT-96 KIT (23,040 SAMPLES)</i>	This kit contains 240 BeadChips and plate-based reagents to process 23,040 samples in 24 or 48 BeadChip X-Stain batches utilizing the Infinium XT HT or UHT workflow. Note: PB20 reagent not included, must be ordered separately
20007420	<i>INFINIUM® XT ASSAY PB20 KIT</i>	This kit includes concentrated PB20 reagent required to run the Infinium XT workflow. Each kit supports approximately 20 Infinium XT iSelect-96 (1152 samples) Kits, OR 5 Infinium XT iSelect-96 (4,608 samples) Kits, OR 1 Infinium XT iSelect-96 (23,040 samples) Kit.

Infinium® XT Protocols

<i>DOCUMENT ID</i>	<i>DESCRIPTION</i>	
1000000018687 V00	<i>INFINIUM® XT PROTOCOL GUIDE</i>	http://support.illumina.com/array/array_kits/infinium-xt-iselect-96-kit.html
1000000016440 V00	<i>INFINIUM® XT ASSAY REFERENCE GUIDE</i>	http://support.illumina.com/array/array_kits/infinium-xt-iselect-96-kit.html