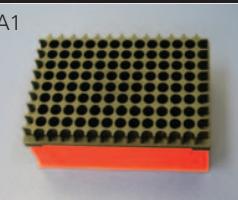

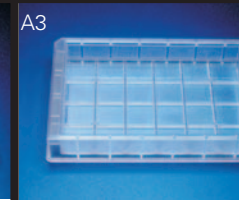
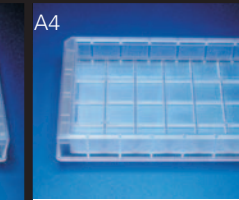
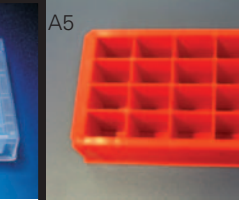
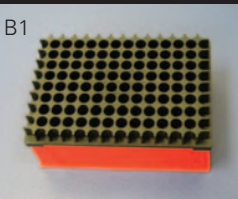
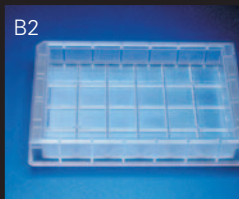

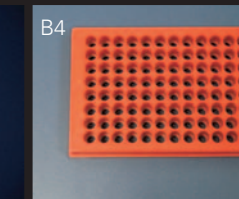

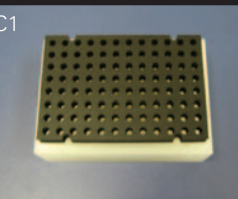

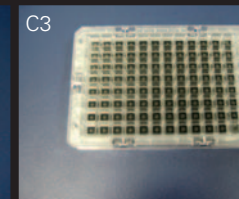

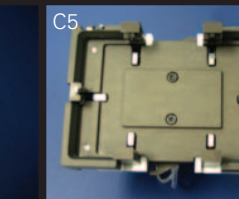
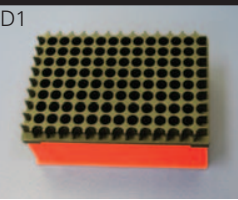
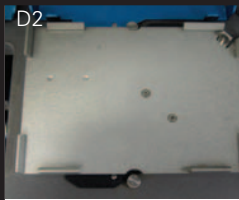

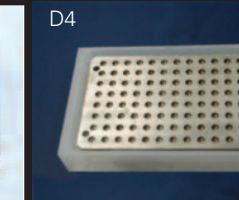
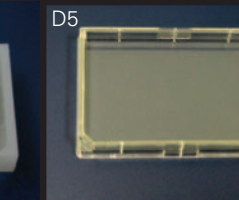
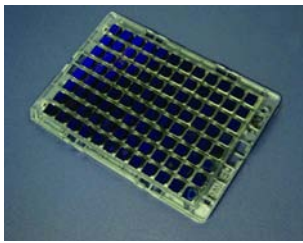


A1 	A2 	A3 	A4 	A5 
Tip Rack	HT Wash Tray	HT Wash Tray	HT Wash Tray	Base for stackable tip rack
B1 	B2 	B3 	B4 	B5 
Tip Rack	HT Wash Tray	Bio-Rad Plate with lid	Red Tip Rack	Waste Chute
C1 	C2 	C3 	C4 	C5 
Lubrication Block	Stack of 3 HT Stain Trays HT Stain Tray 1 & 3: Stain 1 HT Stain Tray 2: Stain 2 Flat lid on top	HT Array Plate and HT Hyb Tray after hybridization	HT Wash Tray with flat lid: contains 94 mL of Wash B on a flat Peltier adaptor set at 48°C.	HT Array Plate Clamp Release
D1 	D2 	D3 	D4 	D5 
Tip Rack	Clamping Locator Empty	HT Scan Tray on Black Spacer Tray	Liquid Waste Drain	VWR Omnitrax Fill with ~20 mL MES holding buffer



Wash and Stain Deck Layout

HT Array Plate Only



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 Fax: 1-408-731-5441
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 Fax: +81-(0)3-5730-8201
 salesjapan@affymetrix.com
 supportjapan@affymetrix.com

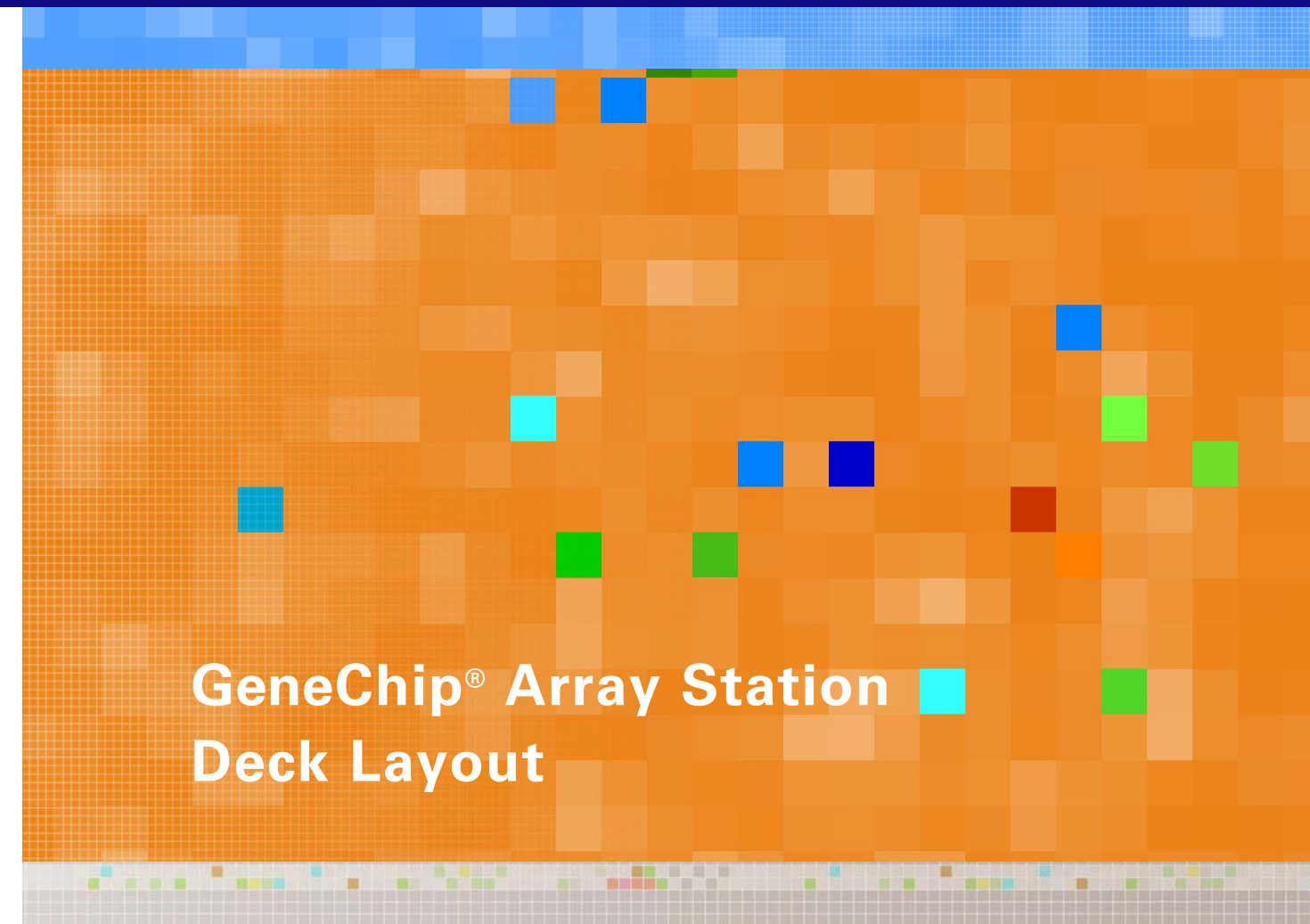
www.affymetrix.com



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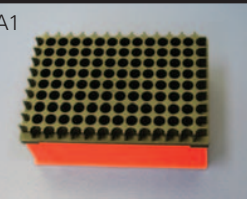

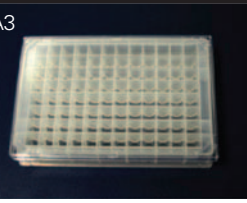
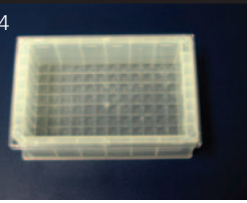

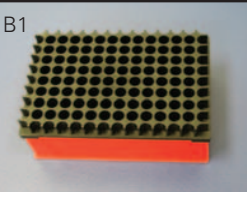
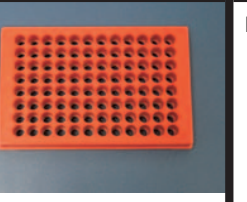
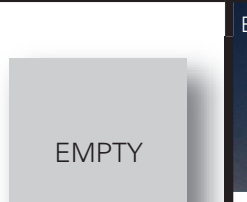
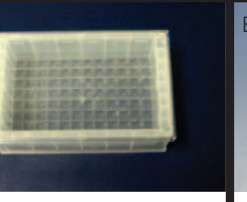

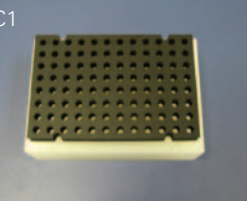


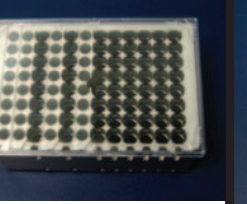
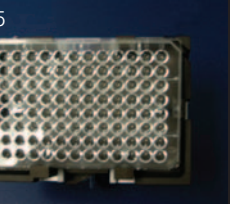
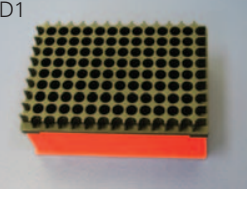



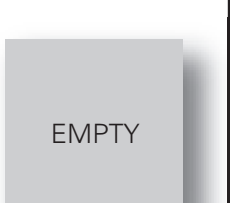


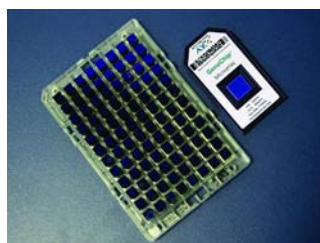
**GeneChip® Array Station
 Deck Layout**

Quick Reference Card

*Deck layout details of the GeneChip® Array Station
 for Gene Expression*





A1  Tip Rack	A2  EMPTY	A3  RNAClean™ in low profile lidded reservoir plate	A4  75% EtOH in lidded reservoir	A5  Base for stackable tip rack
B1  Tip Rack	B2  Red Tip Rack	B3  EMPTY	B4  Nuclease free H ₂ O in lidded reservoir	B5  Waste Chute
C1  Lubrication Block	C2  Corning Polystyrene 3795 U bottom plate on Mag Separator. Label as "cDNA Cleanup"	C3  Bio-Rad Plate with lid. Label as "Purified cDNA"	C4  Lidded Cold Block for Reagents	C5  Corning Polystyrene 3795 U-bottom plate. Label as "cRNA Cleanup"
D1  Tip Rack	D2  Bio-Rad Plate with lid. Label as "un-frag cRNA"	D3  Bio-Rad Plate with lid. Manual prep: contains 5µL total RNA in each well. Label as "total RNA"	D4  Liquid Waste Drain	D5  EMPTY This location will be used for Twister access.

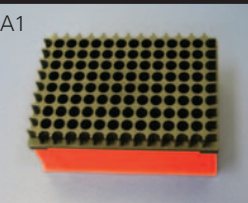

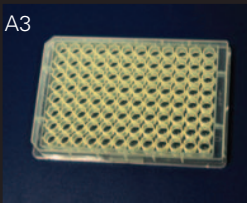
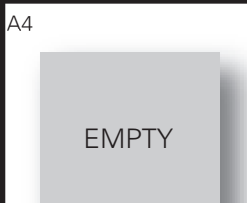

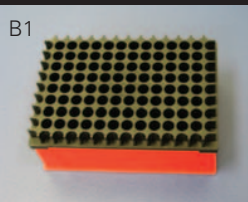
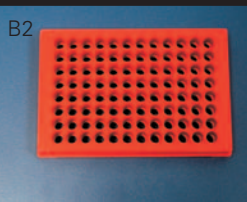
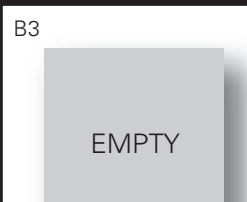


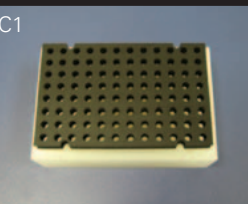

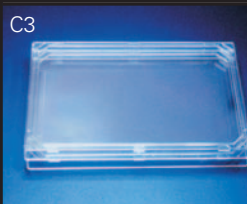
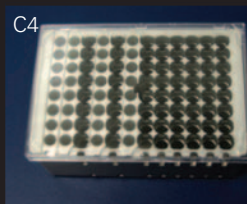

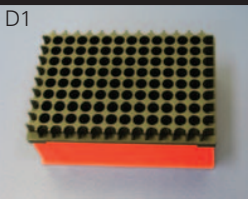


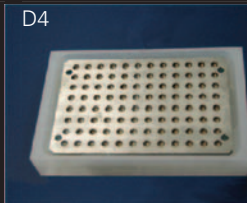
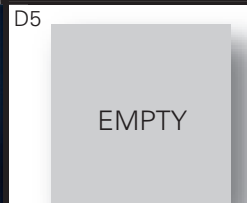


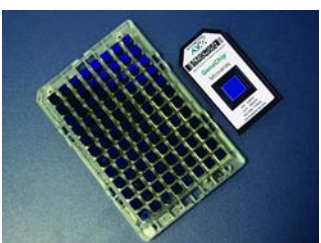
Target Preparation Starting Deck Layout

HT Array Plate & Cartridge Array


24
RACK 1


0
RACK 2

A1  Tip Rack If tips are present, leave them there.	A2  Greiner Polypropylene U-bottom plate. Label as "normalized cRNA"	A3  Greiner Polypropylene U-bottom plate for Hyb. Label as "Hyb-ready sample"	A4  EMPTY	A5  Base for stackable tip rack
B1  Tip Rack If tips are present, leave them there.	B2  Red Tip Rack	B3  EMPTY	B4  Nuclease free H ₂ O in lidded reservoir	B5  Waste Chute
C1  Lubrication Block	C2  Greiner Polystyrene UV transparent optical plate	C3  Two Plastic Lids Stacked	C4  Lidded Cold Block for Reagents	C5  Plate Array Release Clamp
D1  Tip Rack If tips are present, leave them there.	D2  Bio-Rad Plate with lid. Label as "frag cRNA"	D3  EMPTY Twister will bring plate back here	D4  Liquid Waste Drain	D5  EMPTY This location will be used for Twister access

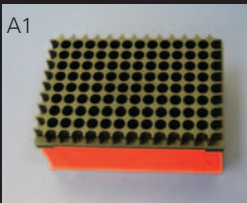


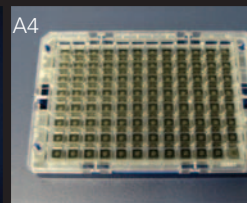

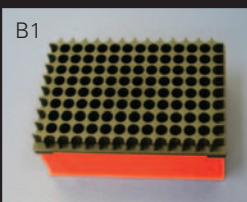
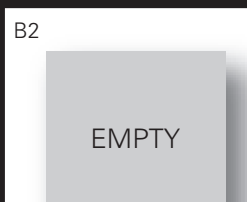
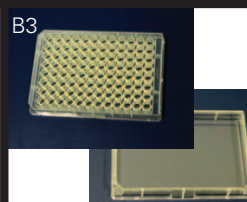
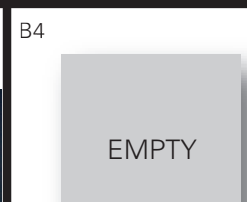

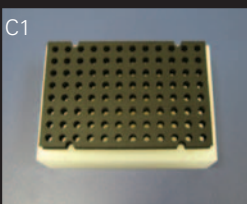

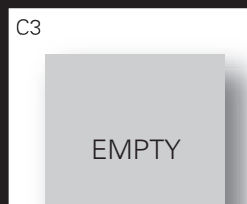
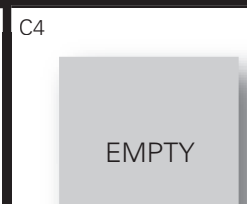

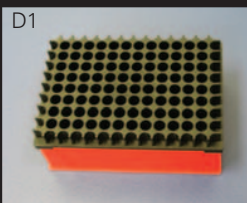

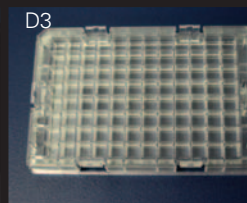
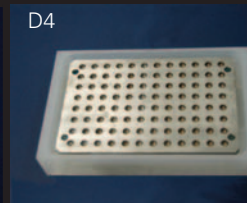
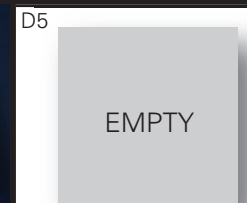


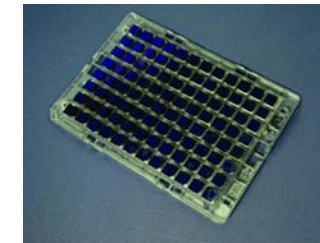
Target Preparation User Intervention Deck Layout

HT Array Plate & Cartridge Array


3
RACK 1
Leave tips as is.



0
RACK 2
Leave tips as is.


A1  Tip Rack	A2  HT Stain Tray used for prehyb	A3  Lidded Bio-Rad PCR plate with sample if starting with denature	A4  HT Array Plate on Blue Spacer Tray	A5  Base for stackable tip rack
B1  Tip Rack	B2  EMPTY	B3  Greiner Polypropylene U-bottom Plate or VWR Omnitray w/pre-hyb Buffer	B4  EMPTY	B5  Waste Chute
C1  Lubrication Block	C2  Sample in Greiner Polypropylene U-bottom plate	C3  EMPTY	C4  EMPTY	C5  Plate Array Clamp Release
D1  Tip Rack	D2  Clamping Locator Empty	D3  HT Hybridization Tray	D4  Liquid Waste Drain	D5  EMPTY



Hybridization Setup Deck Layout

For HT Array Plates Only


3
RACK 1


0
RACK 2