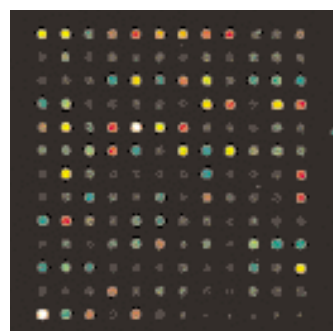
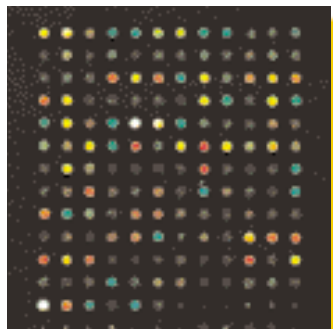


## Array 50™ (Version 2)

### Expression Array Detection Kits

Proprietary indirect labeling system for both cDNA and oligo arrays



*Dye-flip experiment –  
15 µg total RNA samples,  
rat liver vs. rat brain (top image),  
rat brain vs. rat liver (bottom image),  
labeled with Array 50 kits  
and hybridized to oligo arrays*

- **Excellent sensitivity**  
Detects low expression messages in about 10 to 20 µg of total RNA
- **Fast, easy protocol**  
Reduces total “hands on” time for generating cDNA to about 30 minutes
- **Attractive pricing**  
Combines the convenience of a kit with the cost of a “home brew” labeling system
- **Accurate expression measurement**  
Unaffected by genomic contamination, which can cause conventional labeling methods to produce false expression data

Comparison of Features	Array 50™	Amino-Allyl	Direct Incorporation
Will not label genomic contamination	X		
Works with about 15µg of total RNA	X	X	
Costs about \$15 per assay	X	X*	
Not susceptible to dye incorporation bias	X	X	
Contains LNA blocker for superior blocking	X		
Uses simple, time-saving protocol	X		X

\*Only for home-brew kits made by purchasing reagents separately

#### To Order:

Genisphere Inc.  
2801 Sterling Drive  
Hatfield, PA 19440  
Tel: 877.888.3DNA  
215.996.3002  
Fax: 877.FAX.3DNA  
215.996.3070  
www.genisphere.com

#### 3DNA Array 50 Kit Catalog #s:

B100121	Alexa™ Fluor 546 Kit	(20 Assays)
B100122	Alexa™ Fluor 647 Kit	(20 Assays)
B100171	Cy™3 Kit	(20 Assays)
B100172	Cy™5 Kit	(20 Assays)
B100187	Cy™3/Cy™5 Kit	(5 Assays each)
B100189	Alexa™ Fluor 546/ Alexa™ Fluor 647 Kit	(5 Assays each)



DETECTION SYSTEMS + MICROARRAY SERVICE LABORATORY