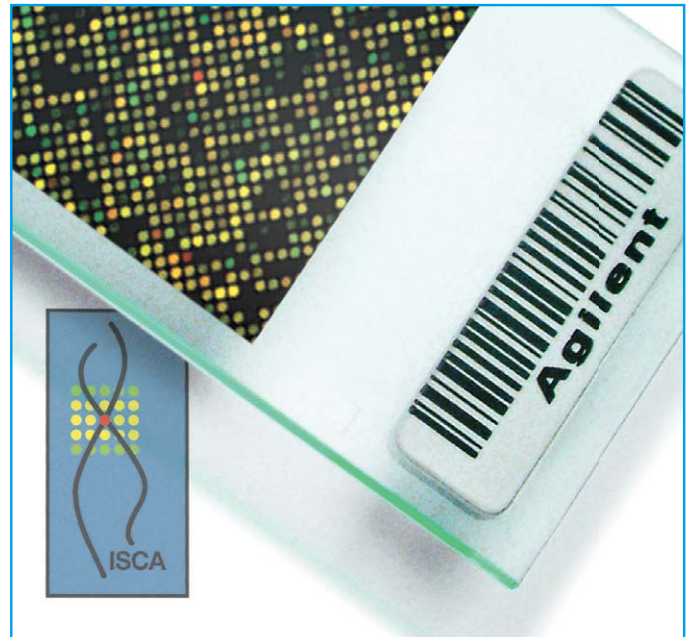




VARIANTS BETTER DEFINED



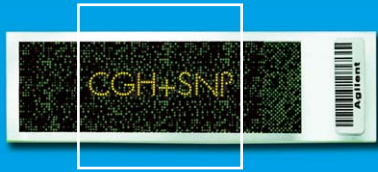
ISCA SurePrint Microarrays

Agilent Cytogenetic Research Solution

The Measure of Confidence



Agilent Technologies



From Sample to Result

CGH probes and SNP probes on one microarray!

Choose Your Catalog ISCA Microarray

Use the ISCA microarray to discover copy number and copy-neutral genetic variations



CGH+SNP

Description	Part Number	Number of targeted ISCA regions	Backbone probe density	LOH/UPD resolution	
CGH+SNP 4x180K	G4890A (kit of 3 slides)	~500	25 Kb	5-10 Mb	

CGH-only

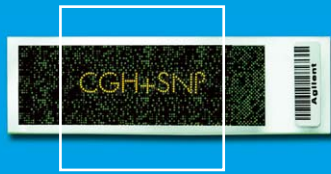
Description	Part Number	Number of targeted ISCA regions	Backbone probe density	LOH/UPD resolution	
ISCA 4x180K v2	G4826A AMADID 031748	~500	25 Kb	NA	
ISCA 8x60K v2	G4827A AMADID 031746	~500	60 Kb	NA	
ISCA 2x105K v2	G4425B AMADID 031750	~500	35 Kb	NA	
ISCA 4x44K v2	G4426B AMADID 031747	~230	75 Kb	NA	

Design Your Custom ISCA Microarray

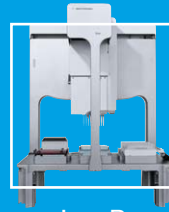
Use the ISCA targeted regions probe groups and add your own content in eArray, Agilent's free, web-based tool to create custom array designs.

<input type="checkbox"/>	Probe Group Name ▲	No. of Probes
<input type="checkbox"/>	ISCA CGH 105K backbone	80757
<input checked="" type="checkbox"/>	ISCA CGH 105K targeted regions v2	19647
<input type="checkbox"/>	ISCA CGH 180K backbone	125061
<input checked="" type="checkbox"/>	ISCA CGH 180K targeted regions v2	21445
<input type="checkbox"/>	ISCA CGH 44K backbone	40161
<input checked="" type="checkbox"/>	ISCA CGH 44K targeted regions v2	2934
<input type="checkbox"/>	ISCA CGH 60K backbone	40208
<input checked="" type="checkbox"/>	ISCA CGH 60K targeted regions v2	18851
<input type="checkbox"/>	ISCA CGHplusSNP 180K backbone	91834
<input checked="" type="checkbox"/>	ISCA CGHplusSNP 180K targeted regions v2	18878

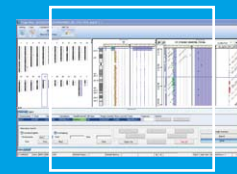
Visit: <http://www.e-array.com>



ISCA CGH+SNP
Microarrays

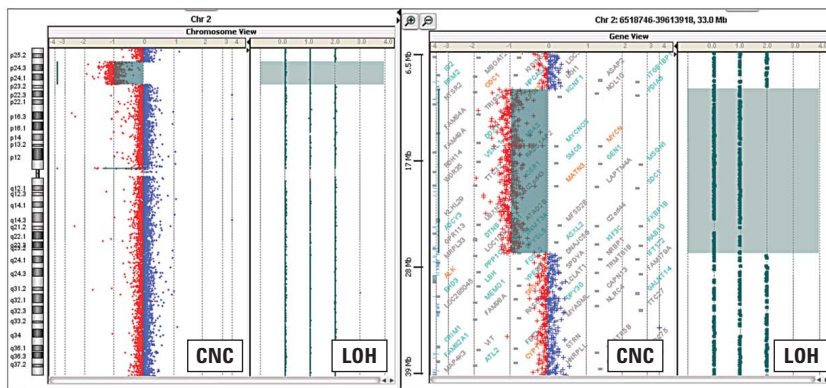


Processing Reagents
and Hardware

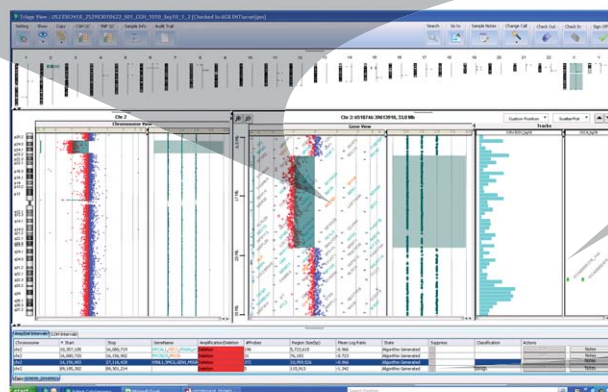
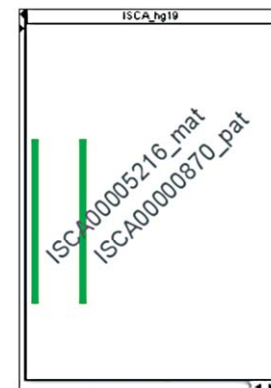


Agilent CytoGenomics
Analysis Software

Visualization of CNC and LOH data



Import tracks from UCSC, ISCA, ...



Suppress, edit or annotate calls

Suppress	Classification	Actions
<input type="checkbox"/>		Edit Notes
<input checked="" type="checkbox"/>	Benign	Edit Notes

Download free trial at <http://www.e-array.com>

Agilent CytoGenomics Software:

Designed specifically for cytogenetic research

- Data comparison to external databases including OMIM and DGV
- Search and compare with your in-house database
- Automation of TIFF image upload, feature extraction, and analysis
- Generate custom reports
- Streamlined analysis of normal constitutional samples, in less than 5 minutes

