

Human Arrays

COMPANY	PRODUCT	SURFACE	DNA TYPE	GENES PER ARRAY	SERVICES	SPECIAL CHARACTERISTICS
AFFYMETRIX (888) 362-2447, www.affymetrix.com	GeneChip Human Genome U95 Set	G	O	>12,000		
	GeneChip Human Cancer G110 Array	G	O	>1,700		Sequences selected by a panel of cancer researchers
	GeneChip HuGeneFL Array	G	O	~6,000		
	GeneChip GenFlex Tag Array	G	O			For up to 2,000 reaction products; can be labeled with fluorophores and specific Tag sequences
	GeneChip Custom Arrays	G	O	>12,000		Expression arrays based on customer selected sequences
	GeneChip Test2 Array	G	O			Measures the quality of targets; probes commonly expressed in human, mouse, rat, and yeast genomes
	GeneChip HuSNP Probe Array	G	O			Interrogates ~1,500 SNPs
AGILENT TECHNOLOGIES INC. (714) 758-5546, www.chem.agilent.com	DNA Microarray Technology Access Program (TAP)				✓	Custom designed DNA arrays
	DNA Microarrays (TAP customers)	G	C/O			
BD PHARMINGEN (800) 848-6227, www.bdbiosciences.com	RiboScreen Human-1 Membrane	M	C			Includes cell cycle proteins, growth factors, cytokines/receptors, G protein-coupled and orphan receptors
CIPHERGEN BIOSYSTEMS INC. (510) 505-2100, www.ciphergen.com	ProteinChip technology					Eight spots per chip with various surfaces (e.g. hydrophobic-hydrophilic and anion-cation exchangers)
CLONTECH LABORATORIES INC. (800) 662-2566, www.clontech.com	Atlas Glass Human 1.0	G	C	1,081		
	Atlas Human 1.2 Array	M	C	1,176		
	Atlas Human 1.2 II Array	M	C	1,176		
	Atlas Human 1.2 III Array	M	C	1,176		
	Atlas Human Cancer 1.2 Array	M	C	1,176		
	Atlas Human Apoptosis Array	M	C	205		
	Atlas Human Cancer cDNA Expression Array	M	C	588		
	Atlas Human Cardiovascular Array	M	C	588		
	Atlas Human cDNA Expression Array	M	C	588		
	Atlas Human Cell Cycle Array	M	C	111		
	Atlas Human Cell Interaction Array	M	C	265		
	Atlas Human Cytokine/Receptor Array	M	C	268		
	Atlas Human Hematology/Immunology Array	M	C	406		
	Atlas Human Neurobiology Array	M	C	588		
	Atlas Human Oncogene/Tumor Suppressor Array	M	C	190		
	Atlas Human Stress Array	M	C	234		
	Atlas Human Toxicology Array II	M	C	588		
	Atlas Select Human Tumor Array	M	C	437		
	Atlas Select Human Oncogene Array	M	C	578		
	Custom Atlas and Atlas Select Arrays	G/M	C			✓
DISPLAY SYSTEMS BIOTECH (800) 697-1111, www.displaysystems.com	discoveryARRAY Human Gene Display Slides	G	C	2,400		Uses proprietary Restriction Fragment Differential Display-PCR (RFDD-PCR) technology
	discoveryARRAY MouseGene Display Slides	G	C	2,400		
	tissueprintARRAY Gene Display Slides	G	C			Differentially expressed genes in eight human tissues
	geneARRAY Custom Service					✓
GENE LOGIC INC. (301) 987-1700, www.genelogic.com	Flow-thru Chip Probe Arrays					Chips with microscopic channels with probes attached to their walls
GENEMED BIOTECHNOLOGIES (888) 411-4363, www.genemed.com	Star Profiler Arrays	M	C	373	✓	
GENOMETRIX (281) 465-5000, www.genometrix.com	VistaMorph Genotyping Services				✓	SNP screening services; 96-well X 250 proprietary array
	VistaExpress Gene Expression Services				✓	Probe design for Genometrix 96/250 arrays; RNA screening
GENOMIC SOLUTIONS (877) 436-6642, www.genomicsolutions.com	GeneMAP Cancer-Chips	G	C	1,152		Verified cancer-related sequences spotted in duplicate
	Custom array services	G			✓	Arraying, hybridization, and analysis with custom arrays or GeneMAP Cancer-Chips
HYSEQ INC. (408) 524-8100, www.sbh.com	HyChip Universal Sequencing Chip	G	O			Allows DNA sequencing from any source without previous sequence knowledge
INCYTE GENOMICS INC. (877) 746-2983, www.incyte.com	UniGEM v. 2.0 Human public domain array	G	C	9,182		Selected for most 5' information; all verified clones
	Human Genome GEM 1-5 microarrays	G	C	9,411-766		Verified clones of both known genes and Incyte proprietary ESTs
	GeneAlbum Human GEM 1-6	G				Broad view of human genome with >52,000 genes
	LifeGrid Human Array	M	C	8,400		
	LifeGEM 1 Human Cancer/Signal Peptide Array	M	C	9,203		
LifeGEM 2 Human Blood/Inflammation Array	M	C	9,932			
INTERACTIVA BIOTECHNOLOGY 49 731 93579 290, www.interactiva.de	XNA on Gold affinity array biochip					Affinity array based on biotin/streptavidin linkage; DNA, RNA, PNA, antibodies and lectins can be bound
MERGEN LTD. (877) 463-7436, www.mergen-ltd.com	ExpressChip DNA microarray system	G	O	1,100		
	ExpressChip H01 to H03 (Human)	G	O	1,056-83		Cell cycle, G-proteins/receptors, apoptosis, channels, cytokines, and extracellular matrix genes
	Mergen Array services	G	O		✓	Custom array preparation, from probes to scanning and data analysis
MWG-BIOTECH INC. (336) 812-9995, www.mwg-biotech.com	Biochip Service	G/M	O		✓	Licensed by Affymetrix; oligo design, synthesis, purification, and spotting; up to 5,000 spots per slide