

GeneChip[®] System 3000Dx v.2

Assay menu

GeneChip[®] System (GCS) 3000Dx v.2 assay menu

Application area	RUO*	IVD**
3' IVT expression analysis	✓	✓
Whole-transcript expression analysis	✓	✓
Genotyping/copy number	✓	
Cytogenetic analysis	✓	
Drug metabolism/pharmacogenomics	✓	✓
miRNA gene regulation	✓	
Targeted resequencing	✓	
Custom assays	✓	✓

*Each "Research Use Only" (RUO) array requires an array-specific Assay Software Module (ASM). A custom ASM can be developed for any GeneChip[®] Array. A Data Transfer Server (DTS) is required to export .CEL files for downstream analysis.

**FDA-cleared, IVD or CE-marketed test developed by a third-party company on the Affymetrix[®] GCS 3000Dx platform.

"Research Use Only" arrays for the GCS 3000Dx v.2*

- GeneChip[®] Human Exon 1.0 ST Array
- GeneChip[®] Human Gene 1.0 ST Array
- GeneChip[®] miRNA 2.0 Array
- CytoScan[®] HD Array
- Affymetrix[®] Gene Profiling Array, cGMP U133 P2
- GeneChip[®] Human Genome U133 Plus 2.0 Array
- Affymetrix[®] Genome-Wide Human SNP Array 6.0
- Affymetrix[®] DMET[™] Plus Array
- CytoScan[®] 750K Array (Outside US/Canada only)
- Cyto 2.7M Array
- GeneChip[®] miRNA Array
- Human Mapping Array 250K Nsp

* Requires installation of an array-specific Assay Software Module (ASM)



Diagnostic tests on the GCS 3000Dx v.2

(Developed by Powered by Affymetrix[™] partners)

- AmpliChip[®] CYP450 Test (Roche – FDA-cleared)
- Tissue of Origin Test (Pathwork – FDA-cleared)
- AMLprofiler[™] Test (Skyline – CE IVD)
- AclarusDx[™] Test (Exonhit – CE IVD)
- Detector C Test (Signature Dx)
- MapQuant[™] Test (Ipsogen/Qiagen)
- Many more tests in the pipeline

Ordering information for the GCS 3000Dx v.2

Part number	Product name	Description
00-0334	GeneChip® System 3000Dx v.2*	<ul style="list-style-type: none"> ▪ GeneChip® Scanner 3000Dx v.2 with AutoLoaderDx ▪ GeneChip® Fluidics Station 450Dx v.2 ▪ Workstation with Affymetrix Molecular Diagnostics Software (AMDS) <p>*Requires GeneChip® Hybridization Oven 645 (see below)</p>
00-0349	GeneChip® System 3000Dx v.2 with Data Transfer Server*	<ul style="list-style-type: none"> ▪ GeneChip® Scanner 3000Dx v.2 with AutoLoaderDx ▪ GeneChip® Fluidics Station 450Dx v.2 ▪ Workstation with Affymetrix® Molecular Diagnostics Software (AMDS) ▪ Data Transfer Server (DTS) <p>*Requires GeneChip® Hybridization Oven 645 (see below)</p>
00-0331	GeneChip® Hybridization Oven 645	

The Assay Software Module (ASM) for an RUO array is available free of charge from Affymetrix and can be installed at the time of system installation.