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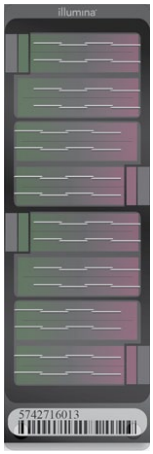
HumanOmni5-Quad BeadChip

Product Information

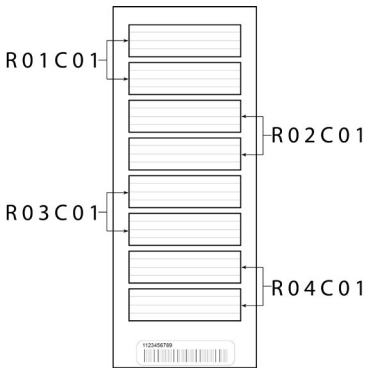
Product Information

Array Product Group	Infinium
Array Product Name	HumanOmni5-Quad
Number Of Sample Sections	4
Number of Markers	4,301,331 million
DNA Input Requirements	400 ng at 50 ng/µl
Assay Type	Infinium LCG Quad Assay

Array Product Image

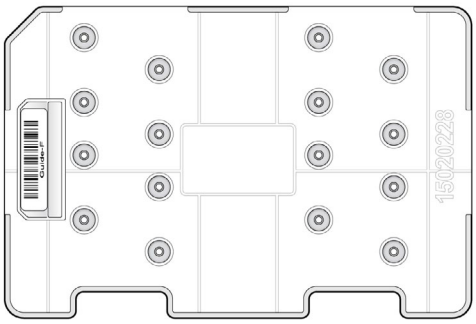


Array Sample Section Nomenclature

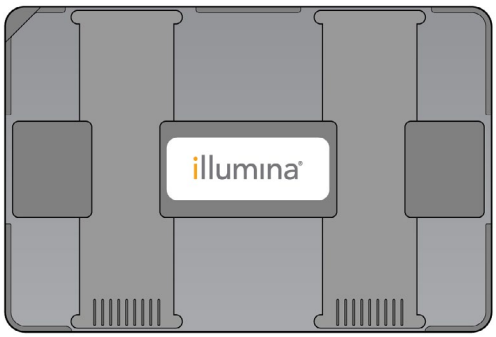


Automated Processing

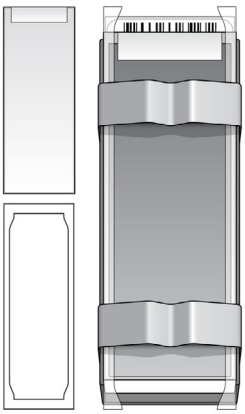
Robot Process	AMP5
Robot Code Version	Illumina Automation Control v5.0.4+
Robot Tip Guide	Guide-F



Robot Base Plate	2-BeadChip Base Plate (included with automation package)



TeFlow Components



LCG Chamber Assembly

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Assay Documentation

User Guide	Infinium LCG Quad Assay Protocol Guide (15025908 Rev A)
Manual Experienced User Card (EUC)	Infinium LCG Quad Assay Manual EUC (15025909 Rev A)
Automated Experienced User Card (EUC)	Infinium LCG Quad Assay Auto EUC (15025910 Rev A)
Lab Tracking Form (LTF)	Infinium LCG Quad Lab Tracking Form (15025911 Rev A)
Document Set	WG-901-5004

PDFs of these documents can be downloaded from the Illumina website. Go to http://www.illumina.com/documentation. From the **Category** drop down menu, select **Assays**; from the **Subcategory** drop down menu, select **Infinium DNA Analysis Assay**. When you click on a document name, you will be asked to log in to iCom. After you log in, you can view or save the PDF.

Data Analysis Software

GenomeStudio Module	GenomeStudio Genotyping Module
GenomeStudio Module (version)	v2011.1+
GenomeStudio Module User Guide	GenomeStudio Genotyping Module v1.0 User Guide (11319113 Rev A)
GenomeStudio User Guide	GenomeStudio 2008.1 Framework User Guide (11318815 Rev A)
Workstation Requirements	64-bit, 8 GB RAM

HiScanSQ

Scan Settings	Infinium-LCG.scst
iScan Control Software	v3.3.28+
AutoLoader2 / AutoLoader2 Service	v2.3.0/2.3.0+
Approximate Array Scan Time (saving locally)	60 min per BeadChip

iScan

Scan Settings	Infinium-LCG.scst
iScan Control Software	v3.3.28+
AutoLoader2 / AutoLoader2 Service	v2.3.0/2.3.0+
Approximate Array Scan Time (saving locally)	150 min per BeadChip

Illumina LIMS

Illumina LIMS Compatible	Yes
Illumina LIMS Version	v.4.5.35
Illumina LIMS Module	Infinium
Illumina LIMS User Guide	Illumina LIMS User Guide (15000395 Rev C)
Illumina LIMS Project Manager User Guide	Illumina LIMS Project Manager Guide (15000396 Rev C)
Robot Code	Illumina Automation Control v.5.0.4+
AutoCall	v.1.6.2+

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Part No. 15027136 Current as of 22 June 2011

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