illumina®

HumanOmni1S BeadChip

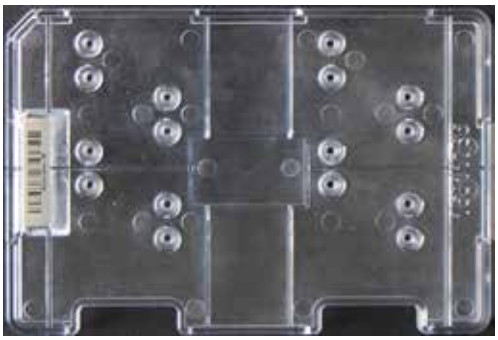
Product Information

Product Information

Array Product Group	Infinium
Array Product Name	HumanOmni1S-8 v1.0 DNA Analysis BeadChip
Number Of Sample Sections	8
Number of Markers	~1.2 million
DNA Input Requirements	200 ng at 50 ng/µl
Assay Type	Infinium HD Super Assay
Marker List	http://www.illumina.com/support/literature/marker_list_human_omni1S.zip
Array Product Image	
Array Sample Section Nomenclature	R01C01 R02C01 R03C01 R04C01 R05C01 R06C01 R07C01 R08C01

Automated Processing

Robot Process	MSA1
Robot Code Version	Illumina Automation Control v4.12.17+
Robot Tip Guide	Guide-E



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

Assay Documentation

User Guide	Infinium HD Super Protocol Guide (11322427 Rev C)
Manual Experienced User Card (EUC)	Infinium HD Super Manual EUC (11322312 Rev C)
Automated Experienced User Card (EUC)	Infinium HD Super Auto EUC (11322291 Rev C)
Lab Tracking Form (LTF)	Infinium HD Super Lab Tracking Form (11327261 Rev C)
Document Set	WG-901-6101
Sample Sheet	Example HD Super Worksheet (11310928 Rev B)

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)	v1.6/2010.1+
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-NXT.scst
iScan Control Software	v3.1.15+
AutoLoader2 / AutoLoader2 Service	v2.2.10 / 2.1.1+
Approximate Array Scan Time (saving locally)	60 min per BeadChip

iScan

Scan Settings	Infinium-NXT.scst
iScan Control Software	v3.1.15+
AutoLoader2 / AutoLoader2 Service	2.2.10 / 2.1.1+
Approximate Array Scan Time (saving locally)	60 min per BeadChip

BeadArray Reader

The HumanOmni1S BeadChip cannot be scanned on the BeadArray Reader.

Illumina LIMS

Illumina LIMS Compatible	Yes
Illumina LIMS Module	Infinium
Illumina LIMS User Guide	Illumina LIMS User Guide (15000395 Rev B)
Illumina LIMS Project Manager User Guide	Illumina LIMS Project Manager Guide (15000396 Rev B)
Robot Code	Illumina Automation Control v4.12.17+
AutoCall	v.1.4.18+
Fluorometer Analysis Software	v.4.0.1+
Thermocycler Control Software	N/A
Thermocycler Control Software User Guide	N/A
iScan Control Software	v3.1.15+
BeadScan Software	v3.6.17+

Illumina, Inc. • 9885 Towne Centre Drive, San Diego, CA 92121 USA • 1.800.809.4566 toll-free • 1.858.202.4566 tel • techsupport@illumina.com • illumina.com

FOR RESEARCH USE ONLY

© 2010 Illumina, Inc. All rights reserved.
Illumina, illumina*Dx*, Solexa, Making Sense Out of Life, Oligator, Sentrix, GoldenGate, GoldenGate Indexing, DASL, BeadArray, Array of Arrays, Infinium, BeadXpress, VeraCode, IntelliHyb, iSelect, CSPro, GenomeStudio, Genetic Energy, HiScan, and HiSeq are registered trademarks or trademarks of Illumina, Inc. All other brands and names contained herein are the property of their respective owners.
Pub. No. 370-2010-016 Current as of 28 May 2010

illumina®

AGAATGATAACAGTAACACACTTCTGTTAACCTTAAGATTACTTGATCCACTGATTCAACGTACCGTAACGAACGTATCAATTGAGACTAAATATTAACGTACCATTAAGAGCTACCGTCTTCTGTTAACCTTAAGATTACTTGATCCACTGATTCAAC
TCAACGTACCGTAACGAACGTATCATTAAGATTACTTGATCCACTGATTCAACGTACCGTAACGAACGTATCAATTGAGACTAAATATTAACGTACCATTAAGAGCTACCGTGCAACGACGAAAAGAATGATAACAGTAACACACTTCTGTTAACCTT
CGACGAAAAGAATGATAACAGTAACACACTTCTGTTAACCTTAAGATTACTTGATCCACTGATTCAACGTACCGTAAAGATTACTTGATCCACTGATTCAACGTACCGTAACGAACGTATCAATTGAGACTAAATATTAACGTACCATTAAGAGCTACC
AACGTACCATTAAGAGCTACCGTGCAACAGTAACACACTTCTGTTAACCTTAAGATTACTTGATCCACTGATTCAACGTACCGTAACGAACGTATCAATTGAGACTAAATATTAACGTACCATTAAGAGCTACCGTGCAACGACGAAAAGAATGATAA
AGAATGATAACAGTAACACACTTCTGTTAACCTTAAGATTACTTGATCCACTGATTCAACGTACCGTAACGAACGTATCAATTGAGACTAAATATTAACGTACCATTAAGAGCTACCGTCTTCTGTTAACCTTAAGATTACTTGATCCACTGATTCAAC
GATTACTTGATCCACTGATTCAACGTTAAGATTACTTGATCCACTGATTCAACGTACCGTAACGAACGTATCAATTGAGCTTCTGTTAACCTTAAGATTACTTGATCCACTGATTCAACGTACCGTAACGAACGTATCAATTGAGACTAGCAACGACG
CGTATCAATTGAGACTAAATATTAACGTACCATTAAGAGTCTGTTAACCTTAAGATTACTTGATCCACTGATTCAACGTACCGTAACGAACGTATCAATTGAGACTAAATATTAACGTACCATTAAGAGCTACCGTGCAACGAAAAGAATGATAACAGTA