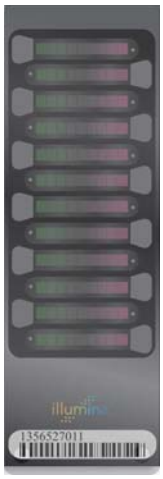
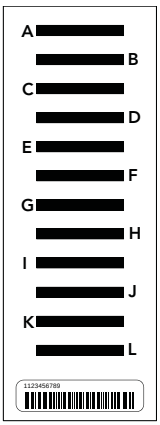
HumanHT-12 v4 BeadChip

Product Information

Product Information

Array Product Group	Gene Expression
Array Product Name	HumanHT-12 v4
Number Of Sample Sections	12
Number of Probes	47,231
cRNA Input Requirements	750 ng
Assay Type	Direct Hybridization
Array Product Image	
Array Sample Section Nomenclature	

For more information about this product, such as coverage and applications, please refer to the product data sheet on the website (http://www.illumina.com/documents/products/datasheets/datasheet_gene_exp_analysis.pdf).

Assay Documentation

User Guide	Whole-Genome Gene Expression Direct Hybridization Assay Guide (11286331)
Experienced User Card (EUC)	Whole-Genome Gene Expression Direct Hybridization Assay EUC (11286340)
Lab Tracking Sheet	Sentrix® BeadChip (6, 8, and 12 Sample) Tracking Worksheet (11178357)
Document Set Catalog #	BD-901-1001

You can download PDFs of these documents from the Illumina website using your iCom login. Go to http://www.illumina.com/documentation. From the **Category** dropdown list, select **Assays**; from the **Subcategory** dropdown list, select **Direct Hybridization 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. To register for an iCom account, please visit https://icom.illumina.com/Account/Register.

iScan

Scan Settings	DirectHyb Gene Expression
iScan Control Software	1.3.10+
AutoLoader2 / AutoLoader2 Service	2.0+
Approximate Array Scan Time (saving locally)	24 min per BeadChip

BeadArray™ Reader

Scan Settings	DirectHyb Gene Expression
BeadScan Software	3.5.49+
AutoLoader/AutoLoader Service	1.0+
Approximate Array Scan Time (saving locally)	60 min per BeadChip

Data Analysis Software

GenomeStudio Module	GenomeStudio Gene Expression Module
GenomeStudio Module (version)	v1.6+
GenomeStudio Module User Guide	GenomeStudio Gene Expression Module v1.0 (11319113)
GenomeStudio User Guide	GenomeStudio 2008.1 Framework User Guide (11318815)
Workstation Requirements	64-bit, 8 GB RAM

Illumina LIMS

The Direct Hybridization Assay and Human HT-12 v4.0 BeadChip are not compatible with Illumina LIMS.

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