

Illumina Customer Sample Evaluation Program

The Illumina Customer Sample Evaluation (CSE) Program is a way for researchers to “test drive” Illumina’s Gene Expression and Genotyping Solutions prior to system purchase. The CSE program allows for a small number of customer samples to be tested by Illumina support scientists to demonstrate basic platform performance.

INTRODUCTION

Illumina’s Customer Sample Evaluation (CSE) Program is designed to offer a quick and convenient means for evaluating Illumina’s Genotyping, Gene Expression, and Methylation Solutions. Simply send in samples and Illumina scientists will assay them and return data to demonstrate performance.

A wide variety of applications are accessible using the CSE Program including Whole-Genome Gene Expression, DASL® Gene Expression, Infinium® Whole-Genome Genotyping, and GoldenGate® Methylation.

An Illumina Support Scientist will gather project information and request samples to initiate the CSE. After samples are received, they are quality-checked prior to initiation of the assay. Laboratory records are maintained throughout the process, including detailed assay protocol documentation. Following the laboratory

HIGHLIGHTS OF THE ILLUMINA CSE PROGRAM

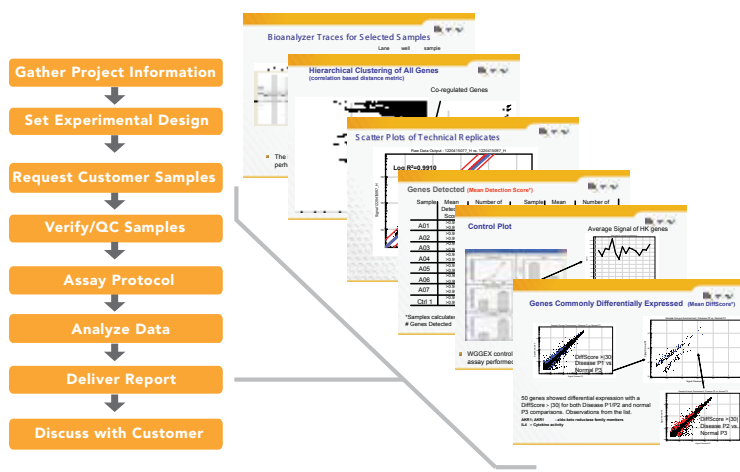
- **Easy to Access:** Try Illumina Solutions before system purchase
- **Simple:** Just send us your samples and data is returned to you
- **Effective:** Easily compare Illumina Solutions with those you are currently using

FIGURE 1: AN ILLUMINA SCIENTIST WILL PROCESS YOUR SAMPLES



An Illumina scientist will evaluate samples, return a detailed report, and discuss data analysis.

FIGURE 2: THE CUSTOMER SAMPLE EVALUATION PROCESS



protocol, data is acquired, analyzed and documented. The Illumina Support Scientist will then return the raw data and image files to the customer. In addition, a concise data report is delivered, which includes customer sample quality, hybridization replicate correlations, biological replicate correlations, controls performance and an analysis of the data. Finally, the data set is

discussed with the customer upon completion of the CSE.

The Illumina CSE Program provides an efficient, cost-effective means to assess overall performance of Illumina Gene Expression, Methylation, and Genotyping Solutions or to compare Illumina Solutions to a platform currently in use.

ADDITIONAL INFORMATION

A portion of the cost of the CSE is applied to system purchase if the purchase order is received within a limited time after CSE data has been delivered. To get started with an Illumina Customer Sample Evaluation, or to find out more about other products and services, contact Illumina Customer Solutions.

ORDERING INFORMATION†

CATALOG NO.	PRODUCT*	NUMBER OF PROBES PER SAMPLE
BD-25-111-CSE	Human-6 Expression BeadChip Customer Sample Evaluation (ten samples) or HumanRef-8 Expression BeadChip Customer Sample Evaluation (14 samples)	Human-6 > 48,000 probes HumanRef-8 > 22,000 probes
BD-26-111-CSE	Mouse-6 Expression BeadChip Customer Sample Evaluation (ten samples) or MouseRef-8 Expression BeadChip Customer Sample Evaluation (ten samples)	Mouse-6 > 47,000 probes MouseRef-8 > 24,000 probes
BD-27-301-CSE	RatRef-12 Expression BeadChip Customer Sample Evaluation (22 samples)	> 22,000 probes
DA-20-101-CSE	DASL Human Cancer Panel Customer Sample Evaluation (28 samples)	502 genes
GM-20-101-CSE	GoldenGate Methylation Analysis Customer Sample Evaluation (12 samples; ten unique and one pair of replicates)	1505 CpG target sites
WG-31-414-CSE	HumanHap550-Duo Genotyping BeadChip Customer Sample Evaluation (six samples and two Illumina controls)	> 560,000 SNP markers
WG-30-625-CSE	HumanHap650Y Genotyping BeadChip Customer Sample Evaluation (six samples and two Illumina controls)	> 660,000 SNP markers
WG-31-316-CSE	HumanHap300-Duo Genotyping BeadChip Customer Sample Evaluation (six samples and two Illumina controls)	> 318,000 SNP markers
WG-31-324-CSE	Human370CNV-Duo DNA Analysis BeadChip Customer Sample Evaluation (six samples and two Illumina controls)	> 370,000 SNP markers and CNV probes
WG-30-005-CSE	Human1M DNA Analysis BeadChip Customer Sample Evaluation (six samples and two Illumina controls)	> 1,000,000 SNP markers and CNV probe

†For a complete listing of Customer Sample Evaluation programs, please contact customer support.

*All CSEs include sample labeling, hybridization, scanning, data extraction and basic data analysis. All standard data output files are supplied to customer.

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