

Infinium[®] Automation Workflow Information

A quick reference guide for automating Illumina BeadChip processing.

BeadChip ^a	Assay	Robot Process	Tip Guide	Scan Setting	Scan Information	
					Scan Time (minutes) ^b	
					iScan [®] System	HiScan [®] System
Infinium Omni5-4	Infinium LCG Quad	AMP5	F	Infinium LCG	150	60
Infinium Omni5Exome-4	Infinium LCG Quad	AMP5	F	Infinium LCG	150	60
BovineHD	Infinium HD Super	MSA1	E	Infinium NXT	55	55
Infinium CytoSNP-850K	Infinium HD Super	MSA1	E	Infinium NXT	~ 60	49
Infinium OmniExpressExome-8	Infinium HD Super	MSA1	E	Infinium NXT	37	28
Infinium OmniZhongHua-8	Infinium HD Super	MSA1	E	Infinium NXT	55	55
Infinium OncoArray-500K	Infinium HTS	MSA1	G	Infinium NXT	60	60
BovineLD	Infinium HD Ultra	MSA3	D	Infinium HD-HT	7	7
BovineSNP50 v2	Infinium HD Ultra	MSA3	D	Infinium HD-HT	22	22
CanineHD	Infinium HD Ultra	MSA3	B	Infinium HD	34	22
Infinium Core-24	Infinium HTS	MSA3	G	Infinium LCG	60	60
Infinium CoreExome-24	Infinium HTS	MSA3	G	Infinium LCG	60	60
Infinium CytoSNP-12	Infinium HD Ultra	MSA3	B	Infinium HD	34	22
Infinium DrugDev Consortium Array-24	Infinium HTS	MSA3	G	Infinium LCG	60	60
Infinium Exome-24	Infinium HTS	MSA3	G	Infinium LCG	60	60
Infinium Global Screening Array-24	Infinium HTS	MSA3	G	Infinium LCG	60	60
Infinium ImmunoArray-24 v2	Infinium HTS	MSA3	G	Infinium LCG	60	60
Infinium Karyomap-12	Infinium Karyomapping	MSA3	B	Infinium HD	34	22
Infinium OmniExpress-24	Infinium HTS	MSA3	G	Infinium LCG	60	60
Infinium PsychArray-24	Infinium HTS	MSA3	G	Infinium LCG	60	60
Infinium QC Array-24	Infinium HTS	MSA3	G	Infinium LCG	60	60
Infinium iSelect [®] HD-12	Infinium HD Ultra	MSA3	B	Infinium HD	20–35 ^c	20–35 ^c
Infinium iSelect HD-24	Infinium HD Ultra	MSA3	D	Infinium HD-HT	7–24 ^c	7–24 ^c
MaizeSNP50	Infinium HD Ultra	MSA3	D	Infinium HD-HT	22	22
OvineSNP50	Infinium HD Ultra	MSA3	B	Infinium HD	34	22
PorcineSNP50	Infinium HD Ultra	MSA3	B	Infinium HD	34	22
Infinium Methylation 450K	Infinium HD Methylation	MSA4	B	Infinium Methylation NXT	60	60
Infinium MethylationEPIC-8	Infinium HD Methylation	MSA4	E	Infinium Methylation NXT	37	28
Infinium Mutli-Ethnic AMR/AFR-8	Infinium LCG	MSA6	F	Infinium LCG	90	52
Infinium Multi-Ethnic EUR/EAS/SAS-8	Infinium LCG	MSA6	F	Infinium LCG	90	52
Infinium Multi-Ethnic Global-8	Infinium LCG	MSA6	F	Infinium LCG	90	52
Infinium Omni2.5-8	Infinium LCG	MSA6	F	Infinium LCG	90	52
Infinium Omni2.5Exome-8	Infinium LCG	MSA6	F	Infinium LCG	90	52
Infinium XT iSelect-96	Infinium XT	MSA7	K, L, M	Infinium XT	45	N/A

a. BeadChips are alphabetized within each Robot Process (third column).

b. Scanning times are estimated. If scanning times were not available at product launch, times were inferred from BeadChips of similar plexity.

c. Scan times depend on plexity.

N/A, not applicable.