





Table 1: Product Specifications for the Infinium Custom Genotyping Program

PARAMETER	SPECIFICATION	NOTES
Probe Design	Infinium I or Infinium II	Unlimited SNP selection
Assay Chemistry	Infinium II	Both Infinium I and II probe designs use Infinium II Assay chemistry
% Accessibility to the Genome	99.9%	Nearly any SNP can be targeted
Call Rate	98.5–99.5%	
Reproducibility	>99.5%	
Heritability	>99.5%	
Number of Samples per BeadChip		
iSelect	12	Uses IntelliHyb™ seal technology
HumanHap300-Duo+	2	Uses IntelliHyb seal technology
HumanHap550+	1	Uses standard single-sample seal
Range of Custom Bead Types Attempted		
iSelect	7,600–60,800	Two custom bead pools (60,800 each) can be added to the HumanHap550+
HumanHap300-Duo+	7,600–60,800	
HumanHap550+	7,600–121,600	
Software	BeadStudio	Full suite of analysis options for genotyping copy number analysis
LIMS	Yes	Enables positive sample tracking
Automation	Up to 24 BeadChips per X-Stain run	Equivalent capability to standard Infinium products
iSelect	(288 samples)	
HumanHap300-Duo+	(48 samples)	
HumanHap550+	(24 samples)	
Packaging		Packaging to meet your throughput requirements
iSelect	4-, 24-, or 96-BeadChip packs	
HumanHap300-Duo+	4-, 24-, or 48-BeadChip packs	
HumanHap550+	24- or 96-BeadChip packs	
Shelf Life	Six months	

