

RNA Sample Preparation

	Starting materials and sample sizes					
Platform	Good Quality >50 ng	Good Quality 5–50 ng	Good Quality & Degraded 500 pg–50 ng	Whole Blood 5–50 ng	Total RNA or Cell Lysate 10–500 pg	FFPE 50 ng
Affymetrix GeneChip® 3' Arrays	Ovation® RNA Amplification System V2 Encore Biotin Module	Ovation RNA Amp System V2 Encore Biotin Module	Ovation Pico WTA System V2 Encore Biotin Module	Ovation RNA Amp System V2 Ovation WB Reagent Encore Biotin Module	Ovation One-Direct System Encore Biotin Module	Ovation FFPE WTA System Encore Biotin Module
Affymetrix GeneChip Exon/Gene ST Arrays	Applause WT-Amp Plus ST Systems Encore Biotin Module	Ovation Pico WTA System V2 Ovation PicoSL WTA System V2 Encore Biotin Module	Ovation Pico WTA System V2 Ovation PicoSL WTA System V2 Encore Biotin Module	Ovation Pico WTA System V2 Ovation PicoSL WTA System V2 Encore Biotin Module	Ovation One-Direct System Encore Biotin Module	Ovation FFPE WTA System Encore Biotin Module
Agilent Dual-Mode Gene Expression Arrays	Ovation RNA Amplification System V2 NuGEN's Agilent Solution Application Note	Ovation RNA Amp System V2 NuGEN's Agilent Solution Application Note	Ovation PicoSL WTA System V2 NuGEN's Agilent Solution Application Note	Ovation RNA Amp System V2 NuGEN's Agilent Solution Application Note	Ovation One-Direct System NuGEN's Agilent Solution Application Note	Ovation FFPE WTA System* NuGEN's Agilent Solution Application Note
Illumina Whole Genome Expression BeadChips	Ovation RNA Amplification System V2 Encore BiotinIL Module	Ovation RNA Amp System V2 Encore BiotinIL Module	Ovation PicoSL WTA System V2 Encore BiotinIL Module	Ovation RNA Amp System V2 Encore BiotinIL Module	Ovation One-Direct System Encore BiotinIL Module	Ovation FFPE WTA System Encore BiotinIL Module
Quantitative PCR		Ovation qPCR System	Ovation PicoSL WTA System V2 Ovation Pico WTA System V2	Ovation qPCR System	Ovation One-Direct System	Ovation FFPE WTA System