

Automation Support Program: Roche Sample Prep Reagents & Workflows



AUTOMATION
YOUR WAY

Roche Sequencing Solutions allows you to **unlock the potential of every sample** by providing automation scripts and support for our Sample Prep Reagents & Workflows across a wide offering of 3rd-party NGS liquid handling platforms.

Workflows supporting KAPA DNA and RNA Library Preparation Kits, KAPA Library Quantification Kits and Roche Target Enrichment (HyperCap Workflow & SeqCap EZ Probes) are **validated and optimized for automated, high-throughput NGS library construction**. Scripts are currently available for many NGS liquid handling platforms and are continuously being developed to accommodate other Roche Sample Prep Reagents, Workflows and liquid handling platforms. In addition, the necessary overage volumes in our 96-reaction kits enable automation-friendly workflows to advance your research.

Features

- **Validated and supported** automation scripts and workflows from Roche and 3rd party-vendors
- **Streamlined and optimized** workflows for high performance KAPA Products and the HyperCap Workflow using SeqCap EZ Probes
- **Necessary overage volumes** in 96-reaction kits to enable automation-friendly workflows

Benefits

- **Higher sample throughput**
- **Less hands-on time** for greater convenience of batch processing up to 96 samples
- **Greater reproducibility** than manual workflows
- **Improved process control**
- **Comparable performance** with manual methods

 **Unlock
the Potential
of Every Sample**

Automation Methods Availability, by Vendor

Vendor	Model	KAPA DNA Library Preparation					Roche Target Enrichment		KAPA RNA Library Preparation		
		KAPA HyperPrep Kit	KAPA HyperPlus Kit	KAPA Library Quantification Kit	KAPA Human Genomic DNA Quantification and QC Kit	Library Normalization	HyperCap Workflow	SeqCap EZ Workflow	KAPA RNA HyperPrep Kit	KAPA RNA HyperPrep Kit with RiboErase	KAPA mRNA HyperPrep Kit
Perkin Elmer	Sciclone G3 NGSx	Perkin Elmer	Perkin Elmer	Perkin Elmer	Perkin Elmer		Perkin Elmer	Perkin Elmer	Perkin Elmer	Perkin Elmer	Perkin Elmer
	Zephyr G3 NGS	Perkin Elmer	Perkin Elmer	Perkin Elmer	Perkin Elmer				Perkin Elmer	Perkin Elmer	Perkin Elmer
	NGS Express	Perkin Elmer	Perkin Elmer	Perkin Elmer	Perkin Elmer*					Perkin Elmer	Perkin Elmer
Beckman Coulter	Biomek FX[®] and FX, dual pod	Roche*	Roche*	Roche*	Roche*		Roche*		Roche*	Roche*	Roche*
	Biomek NX[®] and NX[®] (Span-8)			Beckman Coulter							
	Biomek 4000			Roche*							
Agilent	Bravo NGS Workstation Option A	Agilent	Agilent	Roche*				Agilent			
	Bravo NGS Workstation Option B	Roche*	Roche*	Roche*	Roche*	Roche*	Roche	Agilent			Agilent
Eppendorff	epMotion 5075 TMX	Eppendorff	Eppendorff	Eppendorff					Eppendorff*		Eppendorff*
Hamilton	NGS STAR (8 channel)	Hamilton	Hamilton	Hamilton			Hamilton		Hamilton*	Hamilton*	Hamilton*
Tecan	Freedom Evo NGS Workstation	Tecan	Tecan	Tecan*				Tecan	Tecan*	Tecan*	Tecan*
PrimaDiag	ACSIA NGS (capture)		PrimaDiag					PrimaDiag			
Brand	Liquid Handling System			Brand*							

* in development

Regional differences may apply, please contact your local Roche representative.

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