

Automation Your Way

Automation Support Program: Roche Sample Prep Reagents and Workflows

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

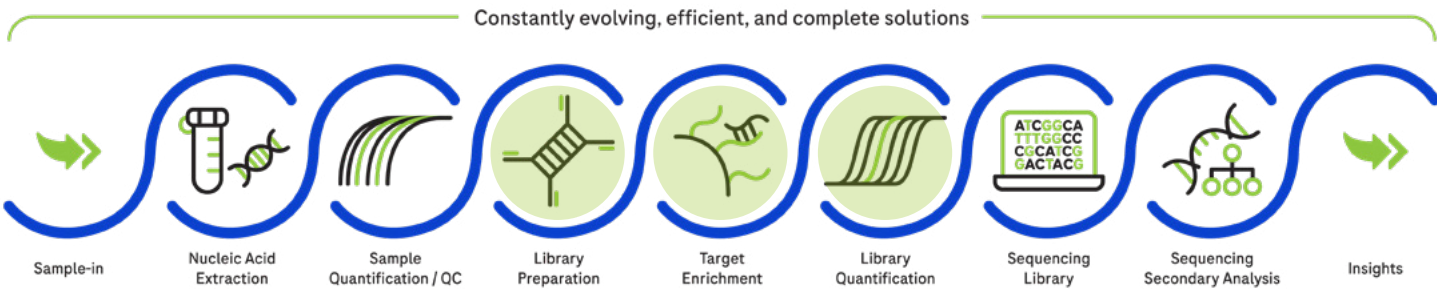
Workflows supporting KAPA DNA and RNA Library Preparation Kits, KAPA Library Quantification Kits and KAPA Target Enrichment products that support the HyperCap and HyperPETE Workflows are **validated and optimized for automated, high-throughput NGS library construction**. Scripts are currently available 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 kits enable automation-friendly workflows to advance your research.

Features

- **Validated and supported** automation scripts and workflows from Roche and third-party vendors
- **Streamlined and optimized** workflows for high-performance KAPA Library Prep and Target Enrichment reagents
- **Necessary overage volumes** in kits to enable automation-friendly workflows

Benefits Compared to Manual Workflows

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



Automation methods availability, by vendor

		Quant & QC	DNA Library Preparation				RNA Library Preparation				DNA Target Enrichment			RNA Target Enrichment
Vendor	Model	KAPA Library Quant	KAPA EvoPrep Kit Tubes	KAPA EvoPrep Kit Plates	KAPA EvoPlusV2 Tubes	KAPA EvoPlusV2 Plates	KAPA Total RNA HyperPrep	KAPA mRNA HyperPrep Kit	KAPA RNA HyperPrep Kit with RiboErase (HMR) Globin	Shortened KAPA RNA HyperPrep Kit with RiboErase (HMR) Globin	KAPA HyperCap v3	KAPA HyperCap Evolved v4	KAPA HyperPETE	KAPA HyperPETE (RNA Fusion)
Agilent	Bravo NGS A	V												
	Bravo NGS B	V					R	V	R	R	R			
Beckman Coulter	Biomek FXp and FX dual pod	V					R	R	R					
	Biomek i-5 MC			V										
	Biomek i-5 Span-8													
	Biomek i-7 Hybrid	V	D	D	R	R	D	R	R	R	V	D		
BrandTech	Liquid Handling System	V												
Eppendorf	epMotion 5075t	V					V	V	V	V				
Hamilton	NGS STAR (8-channel)	V	D	D	D	D	D	V	V		V	D	V	V
	NGS STAR MOA		D	D	D	D								
	NGS STAR V			V										
	Vantage NGS		D				V	V	V					
MGI	MGISP-100		V											
	MGISP-960		D					V	V		V			
PrimaDiag	ACSIA NGS Edition													
Revvity	Sciclone G3 NGSx	V	V	V			V	V	V					
	Sciclone G3 NGSx IQ										V			
	Zephyr G3 NGS	V					V	V	V					
	JANUS G3 NGS Express	V							V					
SPTLabTech	firefly	V		V		D								
Tecan	Freedom Evo NGS						V	V	V					
	DreamPrep NGS													

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V : Method available from vendor
 R : Method available from Roche
 D : Method in development