

Every breakthrough begins with brilliant sample prep



Roche

Roche Sample Prep Solutions. Unlock the Potential of Every Sample.

Sequencing allows us to access the wealth of information encoded in the nucleic acids of all living things. Sample prep holds the key to unlocking the potential of every sample. Roche Sample Prep Solutions offer workflows for different sample types and sequencing applications that are proven, simple, and complete.

Proven

Our portfolio of high-quality sample prep products have served the life sciences, translational, and clinical research community for over a decade.

- Experience high quality results from absolute automation, thanks to validated protocols, integrated components and end-to-end control on the AVENIO Edge System (powered by KAPA reagents).^{1,2}
- KAPA products have been referenced in several thousand peer-reviewed research publications.

Simple

Streamlining every step of the process improves sequencing success and frees up time and resources.

- Ready-to-use and master-mixed reagents minimize user intervention and reduce turnaround times.
- Automation-ready protocols supported by reagent overages and plated reagent formats improve consistency and efficiency.
- Single-supplier solutions facilitate ordering, inventory management, and logistics.

Complete

Qualified, complete workflow solutions for a wide range of sample types and applications offer greater peace of mind.

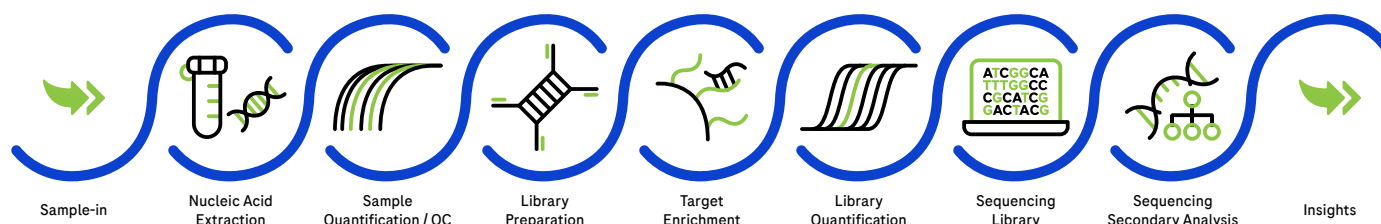
- Rigorously tested reagents, optimized protocols, and reliable instrumentation preserve sample integrity to maximize information output.
- Integrated solutions ensure world-class support for every step of sample prep.
- Seamless integration with the HyperDesign Tool for custom panels for KAPA HyperCap and KAPA HyperPETE Workflows.

Why is Sample Prep so Important?

- **Next-Generation Sequencing (NGS) samples are precious.** Many samples can only be collected once. Every step of the sample prep process has the potential to reduce or bias the intrinsic value of each sample.
- **The NGS workflow is a continuum.** Sample prep, the first stage of the workflow, impacts the outcome of the entire process.
- **Sample prep impacts sequencing economy.** Preserving more unique DNA or RNA molecules.

Roche Sample Prep Solutions offer integrated service and support for your NGS workflow from sample collection to sequencing-ready libraries

Complete Genomic Profiling Solutions



KAPA NGS FFPE DNA Extraction Kits for the extraction of PCR-ready DNA from FFPE samples (for use with the KAPA HyperPETE Somatic Tissue DNA Workflow).

KAPA EvoPlus V2 Kit contains inhibitor tolerant enzymes, making EDTA-containing samples a worry of the past.

KAPA NGS FFPE DNA QC Kits for the quantification of sequenceable input DNA (compatible with Roche LightCycler® 96 and LightCycler® 480 real-time PCR systems)

KAPA EvoPrep, KAPA EvoPlus V2, KAPA HyperPrep, KAPA HyperPlus, and KAPA RNA HyperPrep Kits for flexible, single-tube, high-efficiency library construction **KAPA HiFi** and **KAPA HiFi Uracil+** for low-bias library amplification

KAPA HyperCap Probes and KAPA HyperPETE Primers, KAPA HyperCap and KAPA HyperPETE workflow, and accessory products for streamlined, versatile, targeted resequencing using custom using our **HyperDesign Tool** and catalog panels

KAPA Library Quantification Kits for accurate and reliable library quantification for multiplexed sequencing (compatible with Roche LightCycler® 96 and LightCycler® 480 real-time PCR systems)

Process more samples successfully, get more information from every sample and optimize your sequencing resources with solutions that are **proven, simple, and complete.**

1. sequencing.roche.com/content/dam/diagnostics_microsites/sequencing/us/en/resources/pdfs/poster-note/introduction-of-a-walk-away-automated-roche-ngs-workflow-solution-integrated-kapa-library-preparation-kapa-target-enrichment-and-the-avenio-20edge-instrument-mc-us-10083.pdf. Accessed May 2024.
2. www.youtube.com/watch?v=EafHfzF4rGk. Accessed May 2024

Learn more at
sequencing.roche.com

Published by:

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Data on file.

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