



Unlock POTENTIAL



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.

- Over a million samples have been collected and safely shipped in our Cell-Free DNA Collection Tubes.
- In comparison studies, automated tissue dissection with AVENIO Millisect System has been shown to uncover more clinically actionable results than manual dissection.^{1,2}
- MagNA Pure 24 and 96 Systems, built on a 20-year legacy of nucleic acid extraction, are GMP-manufactured and CE-IVD compliant.
- 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 through the NAVIFY Mutation Caller—a purpose-built, cloud-based, secondary analysis solution for KAPA HyperCap and KAPA HyperPETE Workflows.

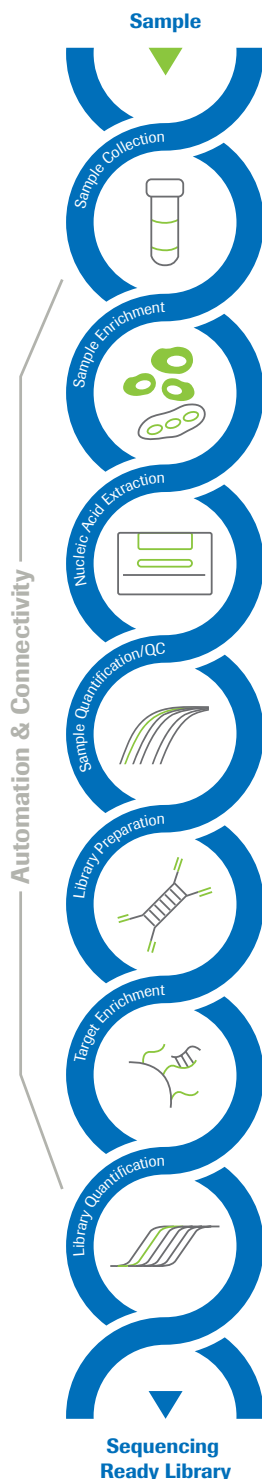
KAPA products are for Research Use Only. Not for use in diagnostic procedures.
AVENIO Millisect and MagNA Pure 24 and 96 Systems are for use for *in vitro* diagnostics.
Cell-Free DNA Collection Tubes are available both in RUO* and CE-IVD** formats.
*For Research Use Only. Not for use in diagnostic procedures.
**Available for countries that accept CE-Mark.

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 while not introducing bias, typically means higher coverage for the amount of sequencing done.



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



Cell-Free DNA Collection Tubes for safe and reliable collection and preservation of cfDNA

AVENIO Millisect System for precise, automated tissue dissection

MagNA Pure 24 and 96 Systems for high-quality nucleic acid extraction from blood, plasma, FFPE and fresh frozen tissue

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 EvoPlus, 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 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. Geiersbach K et al. *Cancer Genet.* 2016;209(1 - 2):42 - 49
2. Gustafson H, Theiss N, Hnatyszyn HJ. *Integr Cancer Sci Therap.* 2016;3(4):500 - 503

Learn more at
sequencing.roche.com

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Data on file.

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