

Maximize Your NGS Journey

Agilent SureSelect Max:
reagents adapted to your workflow

From the leader in library prep and target enrichment, the SureSelect Max portfolio offers fully modular reagent kits designed for flexible workflows on Illumina and MGI systems. The kits are optimized for diverse input amounts and sample types, including FFPE and genomic DNA.

The easier, streamlined workflow offers consistent, high-quality results in a true single-shift turnaround time. With fewer PCR duplicates and deeper, more uniform coverage, Agilent SureSelect Max workflows offer reliable data with cost benefits.

Streamlined and simplified for a true one-day workflow

A true single-shift workflow—from samples to enriched libraries—enables DNA library prep with enzymatic fragmentation and precapture pooling in as little as 6.5 hours. The streamlined workflow reduces touchpoints, minimizes user error, and drives productivity and reproducibility for more efficient operations.

A modular workflow tailored to your needs

Achieve the best possible performance with a fully modularized portfolio of library preparation and target enrichment products, including optional standalone purification beads, adapters, primers, and blockers. Reagents are available with fast or overnight hybridization options, and come in a 16 or 96 reaction format for automation compatibility. Reagent kit options support Illumina or native library preparation for MGI sequencers without the need for additional conversion.

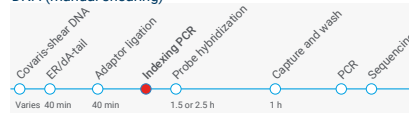
DNA (enzymatic fragmentation)



Maximum
turnaround time

6.5 - 8 h

DNA (manual shearing)



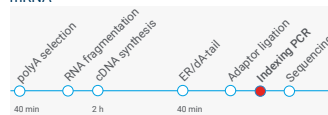
6.5 - 8 h

RNA



9 - 10.5 h

mRNA



5.5 h

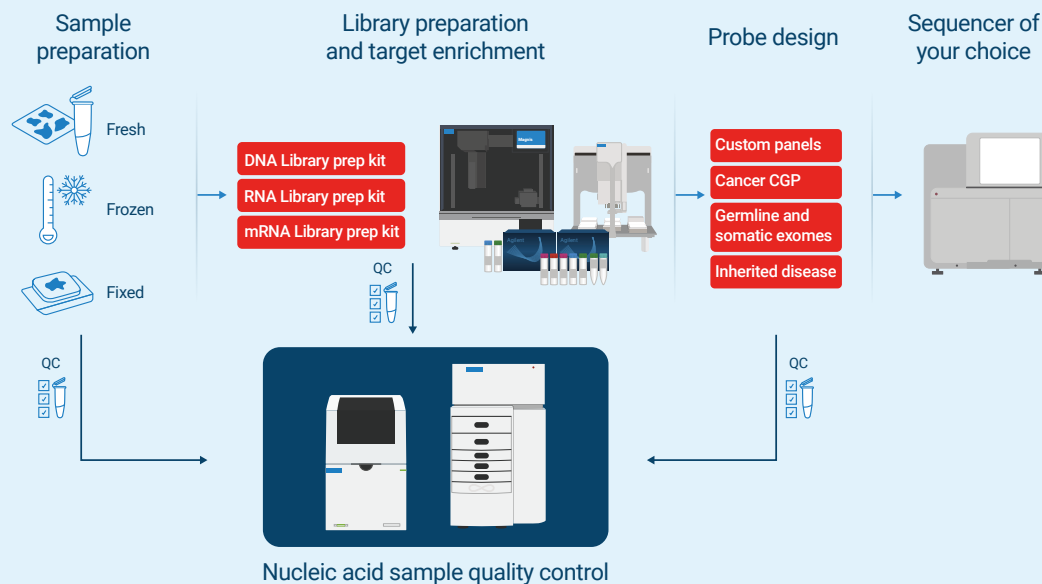


Up to 2 hours
time savings with:

- One step fragmentation/ER/dA-tailing
- Master mixed reagents
- Faster ligation time
- Faster PCR cycling conditions
- Reduced bead-capture time

Core Library Prep Chemistry	Adaptor/Primers	Target Enrichment Hybridization Options	Blockers/Primers	Accessories
<ul style="list-style-type: none"> ✓ DNA Library Prep (enzymatic or mechanical shearing) ✓ RNA Library Prep ✓ mRNA Library Prep 	<ul style="list-style-type: none"> ✓ MBC-free adaptors and UDI primers for Illumina ✓ MBC adaptors and UDI primers for Illumina ✓ Blockers and PCR primers for MGI 	<ul style="list-style-type: none"> ✓ Overnight Hyb Kit ✓ Fast Hyb Kit 	<ul style="list-style-type: none"> ✓ Blockers and PCR primers for Illumina ✓ Blockers and PCR primers for MGI 	<ul style="list-style-type: none"> ✓ SureSelect Purification beads

Integrate your preferred SureSelect Max workflow with SureSelect custom and catalog panels – including exomes, cancer and inherited disease – for an NGS workflow precisely tailored to you.



Complete solutions for a flexible NGS workflow
Easily integrate a comprehensive NGS workflow into your lab with Agilent's solutions for library prep, target enrichment, panel design, sample quality control, and automation.



mRNA Library Kit

<https://aglt.co/sureselect-mrna-kit>

RNA Library Kit

<https://aglt.co/sureselect-rna-kit>

DNA Library Kit

<https://aglt.co/sureselect-dna-kit>

Exceptional quality and performance

Depend on SureSelect Max chemistry for consistent, robust performance across runs and users, with accurate detection of low allele frequency variants, and reduced sequencing cost per sample.

Industry leading performance includes:

- At least 2x higher complexity for SureSelect Max across all tested baits
- Improved coverage depth, evenness, and uniformity
- Achieve 2–5x higher post-capture yield
- Minimized PCR duplication to <5%

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