



REAL-Prep™ Hybridization & Wash Kit (for Illumina & MGI)

REAL-Prep™ Hybridization & Wash Kit comprises DNA probes (90–130 nucleotides) and hybrid capture washing solutions, designed for high-efficiency target enrichment.

Proprietary Probe Technology:

Bailing-developed probe design algorithms and preparation technologies ensure

High stability and ultra-purity of probes

Consistent quality control across production batches

Fast hybridization mode enables rapid and uniform target capture

Flexibility:

Modular probe preparation technology allows flexible addition of Panel regions during later stages of library construction

Hybridization Time Flexibility: Supports 16–24 hour standard hybridization or accelerated hybridization (0.5–4 hours).

Multi-Hybridization Capacity: Enables 1–12 simultaneous hybridizations with stable performance and uniform data output

Sample Compatibility: Compatible with diverse sample types, including Tissues, Paraffin sections, White blood cells, Circulating free DNA (cfDNA) & Pleural and ascitic fluid samples

Universal Blocking Sequence (Blocker): Independently developed 6–10 nt blocking sequence to inhibit single- and double-ended index adapters in libraries

Platform Compatibility: Adapts to multiple sequencing platforms including MGI Single-index and double-index libraries; Illumina Standard library formats

Note:

Optimize annealing temperature for MGI platforms

Minor adjustments to workflow steps may be required for optimal performance on these platforms.

Catalog No.	518142
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Size	
Product Category	Next-Generation Sequencing
Pack Size	8 rxn / 16 rxn / 96 rxn
Storage/Stability	-20° C/ 6 months
Shipping	Gel Packs

www.realgenelabs.com

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