



MRD Express

Design your tumor-informed panel online in minutes, then get it shipped within one day.

Within 1 day*

Panel synthesis to panel shipped

Up to 10,000

Custom probes per panel design

10 ppm & below

Detection above background

Panel design that keeps pace with your research



Fits your existing workflow

Compatible with Twist library prep, adapters, and hybrid capture chemistry you already use.



Built for tough targets

LNA-incorporated probes lift coverage in low-GC regions, keeping tracked variants measurable where standard panels drop out.



Ultra-sensitive

High-performing LNA probes recover more molecules from limited cfDNA input, capturing the faint signals, typical in MRD research.

Ordering ease that eliminates operational friction



Unrivalled speed

Panels move from order to shipment with next-day shipping, so panel synthesis isn't what slows your research down.



Order via your LIMS

For programs running at scale, Twist APIs turn sequencing data into a placed order with no manual steps.



Online panel design

Upload a BED or FASTA file to design and order in minutes, with full control over your design.

Panel manufacturing is no longer your bottleneck

Up to 4 weeks

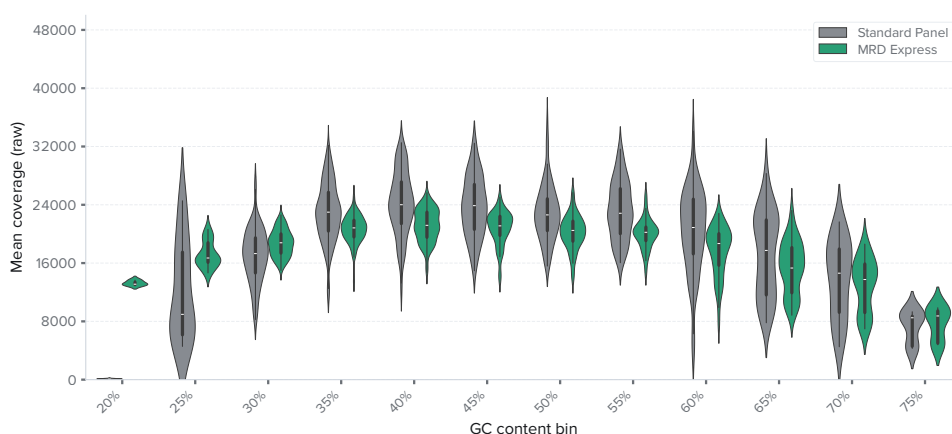
Typical custom panel design & manufacturing

Within 1 day

MRD Express panel manufacturing

Coverage holds up where standard panels drop out

LNA incorporation lifts coverage in low-GC, AT-rich regions, so tracked variants stay measurable where standard designs lose signal.

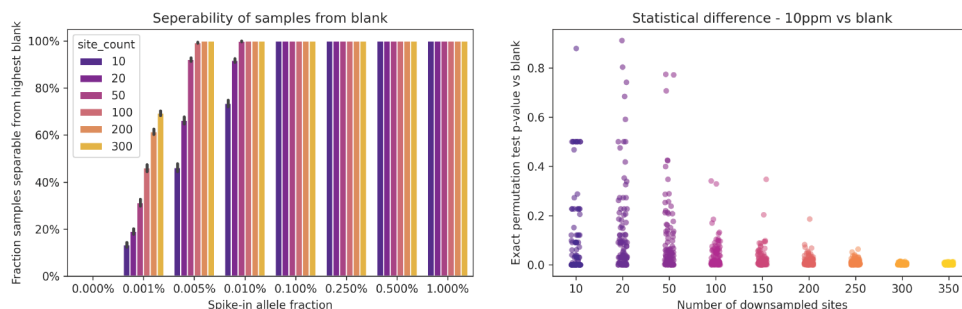


Source: MRD Express Product Sheet (DOC-4084), Figure 2A.

More targets for better detection

Scaling up target count separates true ctDNA signal from background more reliably, and gives greater statistical confidence at 10 ppm.

Simulated downsampling of MRD Express target sites against the Twist cfDNA Pan-Cancer Reference Standard v2, spanning spike-in allele fractions of 0% to 1% and site counts of 10 to 350.



Source: MRD Express AACR 2026 Poster (Tighe et al.), Figure 4B–C.

Ready to order your MRD Express panel?



Scan the QR code
to learn more

*Turnaround times are estimates only and are not guaranteed. Actual turnaround may vary based on order specifications, sample characteristics, processing requirements, operational capacity, and other applicable factors. Product information, specifications, features, availability, and timing are subject to change without notice. Twist products are for research use only. They are not intended for the diagnosis, prevention, monitoring, or treatment of a disease or condition. Twist Bioscience assumes no liability regarding the use of its products in unintended applications.

