

Customizable liquid biopsy panels that provide results in as little as 3 days

LiquidPlex™: When time is of the essence

Accelerate your research, minimize the wait.

LiquidPlex panels offer fully customizable next-generation sequencing (NGS) liquid biopsy assays that deliver results in 3 days and require only 2.5 hours of hands-on time. With a pre-configured bioinformatic software solution, sample to data workflow is streamlined, enabling easy adoption of a genomic profiling workflow for plasma.

LIQUIDPlex™

Compatible with Illumina® sequencers



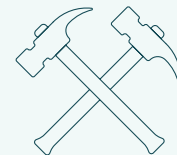
High sensitivity variant detection with a fast and easy workflow

- Detect variants at 0.3% allele frequency with input as low as 10ng
- Sequencing-ready libraries in a single-day workflow, with 2.5 hours hands-on time



Streamlined workflow from sample to data

- Integrated outlier detection and error correction enables confident, high sensitivity variant detection, especially for low frequency alleles

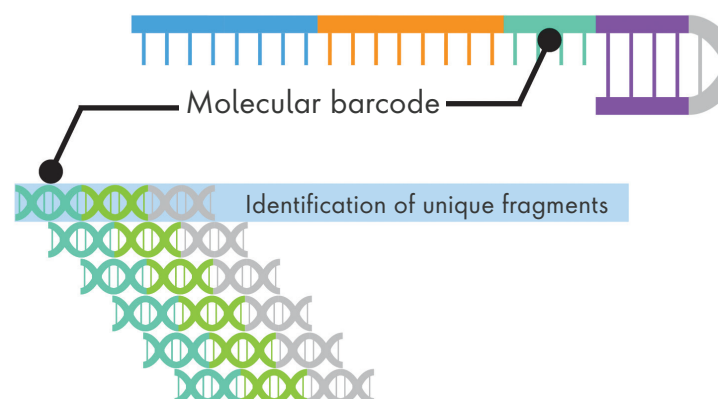


Fast and easy customization

- Design your own panel or send them to our team of experts
- Ready-to-use panels in as little as 4 weeks

Molecular barcodes enable error correction & accurate quantitation

LiquidPlex uses Anchored Multiplex PCR (AMP™) enrichment chemistry, in which DNA fragments are ligated to molecular barcodes (MBCs) that enable error correction for confident variant reporting.



LiquidPlex: a better way for ctDNA

Traditional amplicon-based methods can fail to capture short fragments

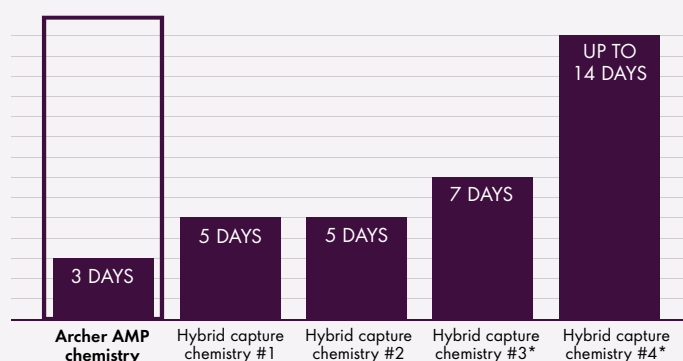
LiquidPlex utilizes advanced fragment capture for 160bp and smaller ctDNA fragments that can potentially be missed by other NGS methods.

Traditional amplicon-based methods	LiquidPlex
~170bp	<=160bp

Less sample & time required than other methods

All you need is 10ng of input + 3 days to get your liquid biopsy results with LiquidPlex. This is **61% faster** than other NGS technologies.

Total turnaround time



* Send-out laboratory tests may take up to several weeks to receive results.

Find your ideal ctDNA sequencing assay

	Amplicon	AMP	Hybrid capture
Molecular barcodes for error correction	✓	✓	✓
Optimal capture of ctDNA population	✗	✓	●
Represents true sample biology	●	✓	✓
Single-tube assays	✗	✓	✓
Cost effective	✓	✓	✗
Rapid turnaround time	✓	✓	✗
Simple workflow	●	✓	✗
Customization flexibility	✗	✓	✗

Get started with LiquidPlex NGS panels

Learn more at archerdx.com or email us at adx-sales@invitae.com

For Research Use Only. Not for use in diagnostic procedures.

 **AssayDesigner**

Design your own panel or add to an existing product.
It's your panel, your way.