

TruSight™ Oncology 500 Portfolio Updates

Improvements to enable a simpler, faster, and more scalable sample-to-results workflow for in-house comprehensive genomic profiling (CGP).

What's new



Image used with permission of Beckman Coulter, Inc.

Automation-friendly library prep

- ~50% less hands-on time with new kits and methods*
- Efficient scaling with reduced manual errors
- Qualified methods by Illumina and third-party vendors

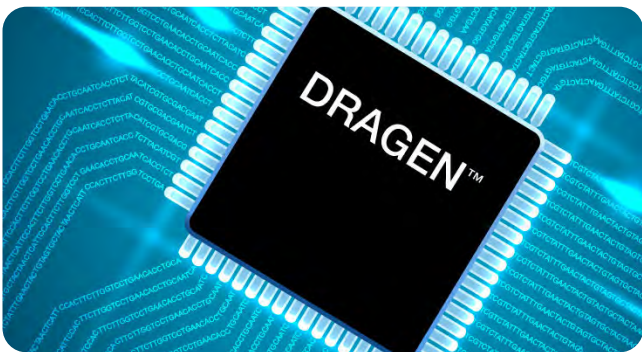
Increased sequencing efficiency

- TruSight Oncology 500 High-Throughput and ctDNA are now compatible with the new NovaSeq™ 6000 v1.5 Reagent Kits
- Improved inventory management with extended reagents shelf-life (6 months)
- Reduced sequencing costs



Ultra-rapid variant calling

- On-premise and cloud-based variant calling software solution with the DRAGEN™ Bio-IT Platform† coming soon for the entire TruSight Oncology 500 Portfolio
- 2-10x faster analysis time, reducing overall time from sample to final interpretation report
- Streamlined variant calling workflow featuring simultaneous processing of data from large batches



* Applies to the TruSight Oncology 500 automation kits/methods available now, as well as TruSight Oncology 500 High-Throughput automation kits/methods available 1H 2021

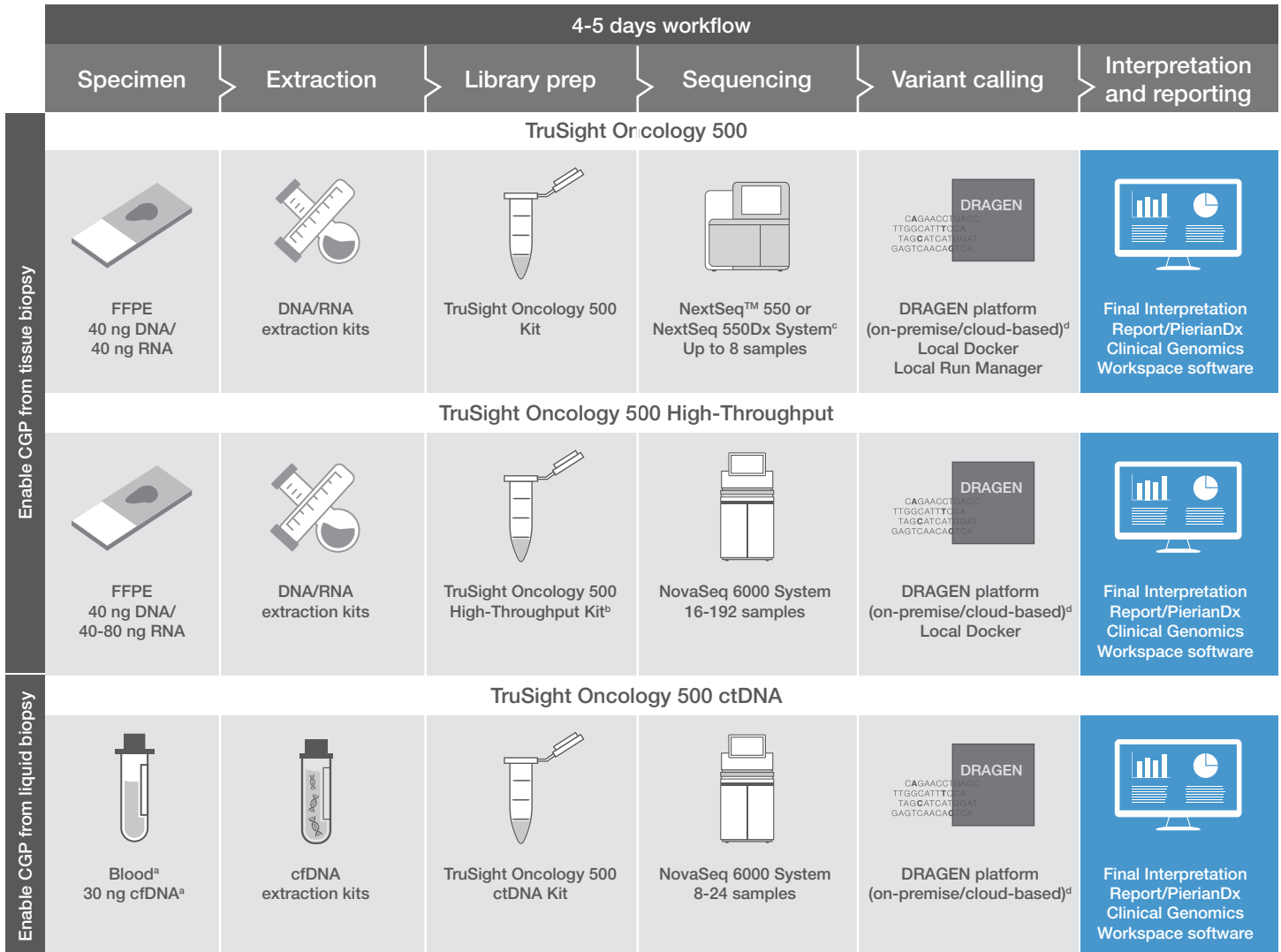
† On-premise DRAGEN solution currently available for TruSight Oncology 500 ctDNA; on-premise and cloud-based solutions for the entire TruSight Oncology 500 portfolio coming soon



Liquid biopsy pipeline enhancements

- Includes surrogate measurement for tumor fraction (maximum somatic allele fraction (MSAF))
- Provides improved sensitivity for the immuno-oncology biomarker microsatellite instability (MSI), now > 2400 sites

Streamlined, sample-to-results CGP workflow starting with tissue or liquid biopsy samples



a. Proper quantification required

b. Automation kits and methods for TruSight Oncology 500 High-Throughput coming 1H 2021

c. In Research Use mode only

d. On-premise DRAGEN solution currently available for TruSight Oncology 500 ctDNA; on-premise and cloud-based solutions for the entire TruSight Oncology 500 portfolio coming soon

Learn more

For more information about the TruSight Oncology 500 Portfolio, visit www.illumina.com/products/by-brand/trusight-oncology-500.html

Learn more about the powerful DRAGEN Bio-IT Platform at www.illumina.com/DRAGEN