Element Biosciences

VITARI™

Scale without the premium.



MEET

High-throughput sequencing has been built on compromise. Scale or flexibility. Performance or usability. Efficiency or quality.

VITARI changes that. Scale and flexibility coexist. Performance is intuitive. Quality is uncompromised. It's built for what comes next.

- Scale output with **up to 10 billion reads or 3 TB** data per dual-sided run
- Lower costs at scale with a **$100 genome**
- Rely on high-confidence data **>90% Q30 quality**
- Flexible, right-sized run configurations with **2 independent** flow cells with **6 lanes each**



VITARI



High throughput performance in a compact benchtop platform

Simplify logistics with ambient shipping of the sequencing reagent cartridge

Compatible with VITARI Cloudbreak Freestyle™ and Trinity™ 2×150 and 2×75 kits

Shipping in H2 2026. Pre-order yours today:

Element Biosciences

Design with intent

At Element, we innovate to meet researchers where they are today and where their science is headed tomorrow. We build platforms around real lab needs: reliable performance, practical workflows, and room to grow so you can focus on discovery. And we keep evolving what we deliver, so your platform stays aligned with new applications, new questions, and new possibilities.

Explore our platforms:







VITARI

A high-throughput benchtop sequencing platform designed to remove compromises and is built for what comes next.

AVITI24™

Seamlessly integrates high-quality sequencing and onboard 5D multiomics into a single dual platform.

AVITI™

A flexible mid-throughput sequencing platform designed for everyday reliability and high-quality results across a range of applications.

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