

Uplevel Your Genomics Offerings with the Element AVITI™ System

Flexibility and sample separation for ABRF members and other core labs

The Element AVITI System is built on Avidity Sequencing™, an innovative technology that fundamentally enables high-quality, low-cost sequencing through redesigned chemistry and informatics. Ideal for any scale of sequencing in cost-competitive conditions, the AVITI System strengthens project control while streamlining operations.

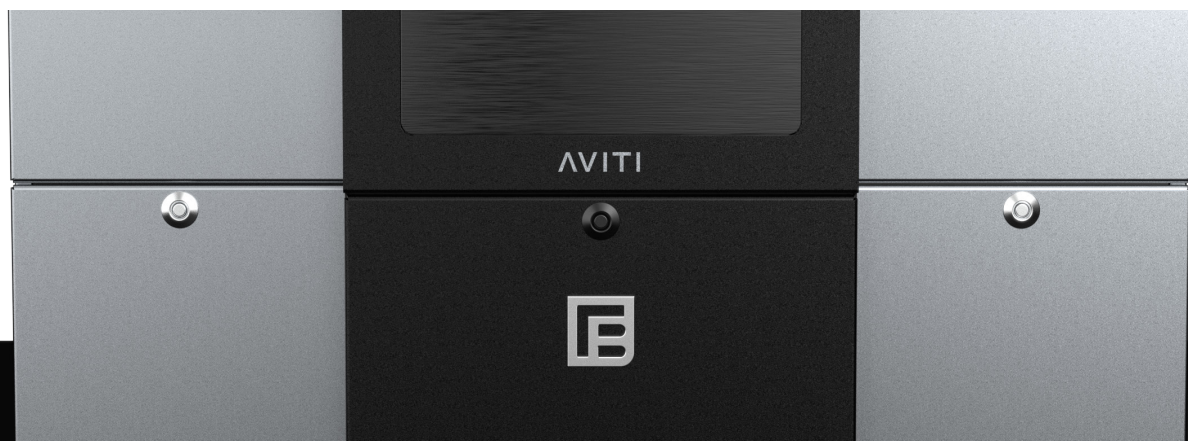
- Translate samples into results quickly and cost-effectively.
- Separate samples and data by customer and privately hand off results.
- Accommodate surges and lulls in sequencing needs without wasting money on unneeded capacity.

“A ... versatile mix of flow cell capacities on the AVITI means we can migrate almost all of our routine sequencing activities—NGS services, product QC, and R&D—to a single instrument and workflow without the logistics issues of complicated batch management.”

— Jacob Enk, Ph.D., Director of RD&A at Daicel Arbor Biosciences

Always the perfect fit

Whether Avidity Sequencing is central to your operation or an efficient way to manage smaller projects, the AVITI System is always a perfect fit. Kits in 2 x 75, 2 x 150, and 2 x 300 configurations with low-, medium-, and high-output flow cells support any application at whatever scale you need. Individually addressable lanes segregate projects by lane and maximize the number of samples per run.



Secure data management

Similar to individually addressable lanes, which isolate a library in a lane, Elembio™ Cloud isolates data by site. You control access to each run and your customers can self-manage their data in Amazon Web Services (AWS) or Google Cloud Storage (GCS). Clean and simple, Elembio Cloud secures and simplifies data management in multiuser environments.

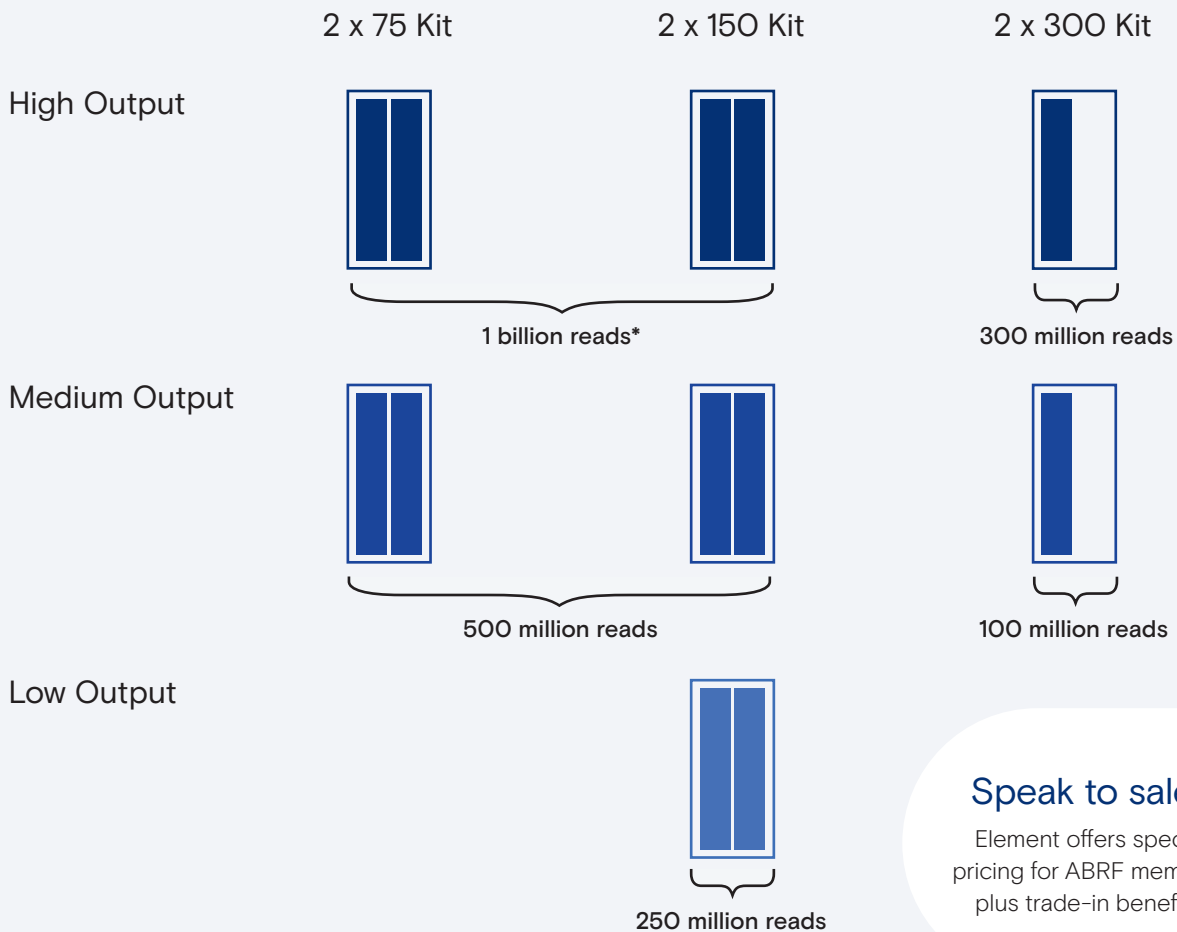
Rapid CapEx recoupment

Based on a list price of \$289,000 for an AVITI System and \$1680 for a sequencing kit, three runs per week and a reagent markup of only 2x recover the full cost of the instrument in 15 months, or a little over 1 year. A 2.5x markup achieves the same payoff within 10 months, making the system profitable in less than 1 year. Table 1 provides the cost breakdown.

Reagent Markup Rate	Number of Runs	Time to CapEx Recovery
2x	173	15 months
2.5x	115	10 months

Table 1. Instrument payoff model

Rightsize your flow cell and subdivide against two individually addressable lanes



Speak to sales

Element offers special pricing for ABRF members plus trade-in benefits.

* Read counts are based on sequencing Element-prepared libraries. Actual read counts might differ based on lab-specific factors.

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