

Ultra-Rapid B Cell Screening

Discover antibodies directly from plasma B cells using the Berkeley Lights Beacon®

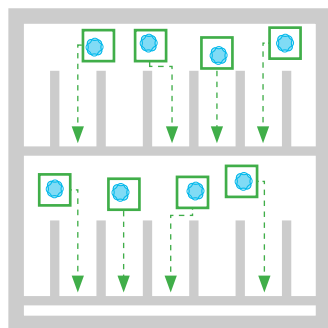
OUR APPROACH

At Abveris, we leverage decades of antibody discovery expertise and industry-leading platform technologies to deliver antibodies to any target on the fastest possible discovery timelines.



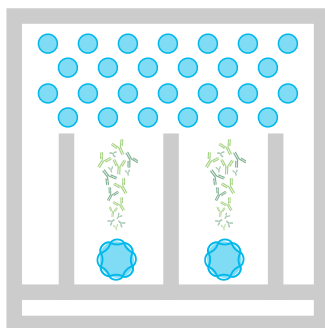
BENEFITS

- Deep screening of immune repertoires
- Fastest-in-industry timelines for antibody sequence isolation
- Market-leading combination of proprietary & new-to-market technologies
- All work done in the USA



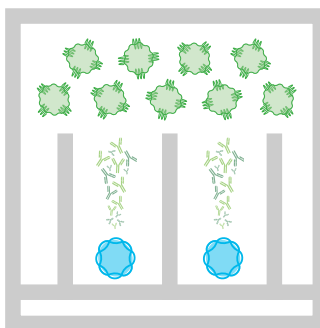
1. ISOLATE SINGLE PLASMA B CELLS

Use opto-electric positioning to sort individual plasma cells.



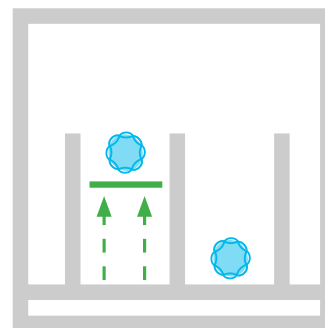
2. SCREEN AGAINST RECOMBINANTS

Multiplex and back-to-back screening using recombinant proteins.



3. SCREEN AGAINST CELL LINES

Multiplex and back-to-back screening using cell lines.



3. EXPORT B CELLS OF INTEREST

Selection & export of plasma cells for single cell sequencing.

DISCOVERY ROADMAP

Phase	Activity	Time	Strengths
1	Immunization & Titer Test	3-5 Weeks	<i>Diverse immunization formats & rodent models, including human transgenic</i>
2	Berkeley Lights Beacon® Screening	1-2 Days	<i>Unmatched screening depth & extremely rapid timeline</i>
3	Single Cell Sequencing	1 Week	<i>Paired VH/VL sequence capture</i>
4	Antibody Expression & Screening	4-6 Weeks	<i>Recombinant expression, epitope binning, functional screening, affinity measurement, etc.</i>

Contact sales@abveris.com to receive a custom price quotation.

