



InDevR

Enabling Vaccines & Biotherapeutics

VaxArray® Platform

Bringing vaccine analytics
into the 21st century

VaxArray Solutions



Influenza

- Simplify and accelerate antigen characterization with mono and multivalent kits specifically designed for seasonal and pandemic flu vaccine characterization.
- Subtype specific hemagglutinin, neuraminidase, or nucleoprotein quantification at any manufacturing process step.

Pneumococcal

- Simultaneous quantification of 23 high priority serotypes in both pneumococcal conjugate and pneumococcal polysaccharide vaccines.
- Consistently and accurately identify, quantify, and assess stability with high specificity and sensitivity.

Coronavirus

- Use the Spike Protein Assay to rapidly quantify and characterize spike protein based on conformational binding to both mAb CR3022 and ACE2.
- Or use SeroAssay to simultaneously measure antibody response to SARS-CoV2 antigens and all endemic human coronaviruses.

Measles and Rubella

- Single day quantitation as compared to TCID50 or cell culture based assays.
- No need to neutralize rubella virus to measure measles in bivalent samples. Virus-specific monoclonal antibodies are reactive to most common vaccine strains.

Poliovirus

- Obtain equivalent results to D-antigen ELISA test for cIPV and sIPV. Or achieve rapid bioprocess feedback on your OPV and nOPV samples.
- Antigen quantification for all three-poliovirus serotypes enables analysis of mono-, bi-, or trivalent samples using the same kit.

VaxArray Benefits

Accelerated Time to Result

Get your results in as little as 1 hour as compared to SRID, TCID50, or ELISA tests.

CFR Part 11 Compliance

Both software and the instrument come with tools that enable CFR Part 11 compliance, allowing for smooth SOP development and providing audit trails.

Broad Sample Compatibility

Crude, adjuvanted, low concentration or other samples are compatible with the VaxArray Platform, making it easy to integrate the solution to various and multiple steps throughout the process.

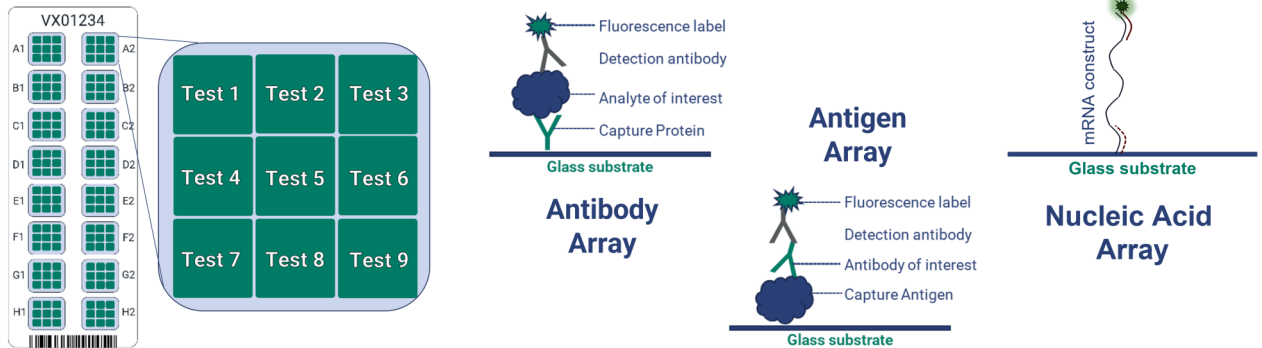


Standardized Testing

VaxArray system and kits are built under ISO:13485 and cGMP guidelines allowing for standardization across facilities and laboratories.

VaxArray Technology

VaxArray Microarray Slide



How It Works

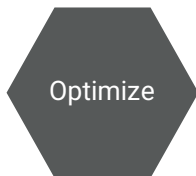
An immuno or oligo assay built on a microarray platform. Capture agents are screened and selected based on specific performance criteria. Fluorescent detection labels allow for low limits of quantification.

VaxArray Applications



Vaccine Development

Qualify and identify conformationally intact and subtype specific antigens during monobulk strain development.



Bioprocess Optimization

Quickly track antigen levels in crude and adjuvanted matrices to improve yield and optimize formulation.



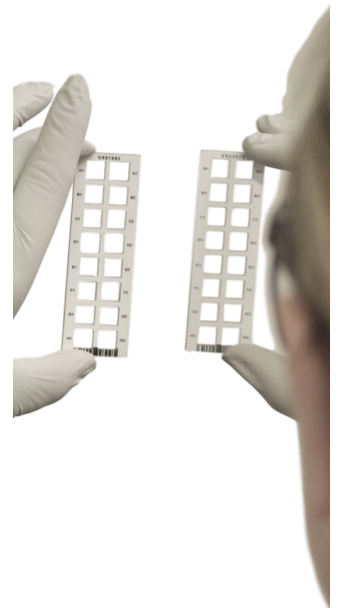
Manufacturing QC

Reduce cost by measuring potency and stability of multivalent vaccine antigens simultaneously in final formulations.



Preclinical - Clinical

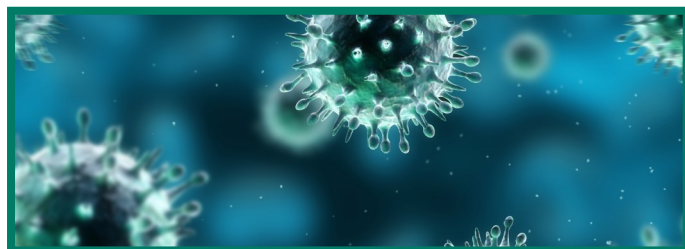
Quantify multiple antibodies in serum samples via sensitive, rapid, multiplexed serological assays.



VaxArray Options

Available VaxArray Kits:

- Seasonal HA Multivalent Assay Kit
- Pandemic HA Multivalent Assay Kit
- Seasonal NA Multivalent Assay Kit
- NP Multivalent Assay Kit
- Seasonal Influenza Monovalent Assay Kits
- Coronavirus Spike Protein Assay Kit
- Coronavirus SeroAssay Kit
- Measles and Rubella Kit
- Pneumococcal Assay Kit
- Poliovirus Assay Kit



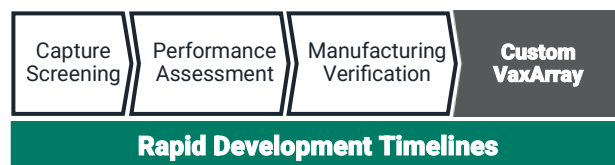
Testing Services

Our analytical experts are ready to provide quantitative analysis of your vaccine samples. We offer rapid turnaround times of multiplex analysis to expedite your research and development.



Customize VaxArray Kits

Bring the power and flexibility of the VaxArray Platform to your specific applications. We can develop custom protein or oligo arrays to meet your needs.



Learn more about the VaxArray Platform

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InDevR is a life science tools company developing analytical technologies for vaccine research. Enabling safe, rapid, and effective production of vaccines is our mission.

