



InDevR

Enabling Vaccines

VaxArray® Platform

Bringing vaccine analytics
into the 21st century

VaxArray Solutions



Influenza

- Simplify and accelerate antigen characterization by using 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 including harvest, in process, drug substance or drug product in 2 hours.
- This immunoassay microarray format is compatible with most samples, including crude, adjuvanted, and low concentration samples.

Coronavirus

- A single platform for both serology and antigen characterization assays, regardless of the vaccine manufacturing method used.
- Rapidly quantify and characterize spike protein based on binding to both mAb CR3022 and ACE2 with VaxArray Coronavirus Spike Protein Assay.
- Or simultaneously measure antibody response to SARS-CoV-2 antigens and all endemic human coronaviruses with the VaxArray Coronavirus SeroAssay.

Measles and Rubella

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

VaxArray Benefits

Accelerated Time to Result

Get your results in as little as 2 hours as compared to SRID or TCID50 tests, which take multiple days.

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.

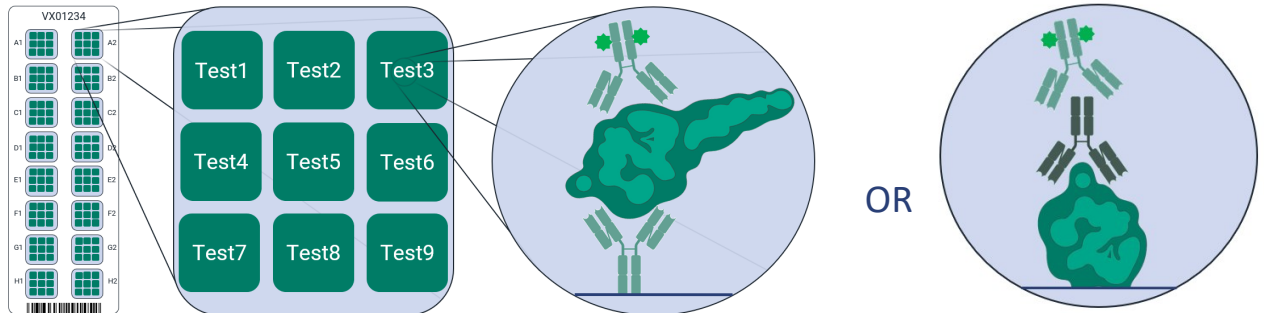


Standardized Testing

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 immunoassay built on a microarray platform. Capture proteins are screened and selected based on specific performance criteria. Fluorescent detection labels allow for extremely low limits of quantification.

VaxArray Applications



Quality Control

Vaccine QC Testing

VaxArray assays significantly reduce the cost and time associated with potency, stability analysis, and identity testing of monobulk and final vaccine formulations.

Clinical Testing

Immunogenicity Studies

Multiplexed serological assays provide rapid, sensitive, and precise quantification of antibody levels in clinical serum samples.

Optimize Process

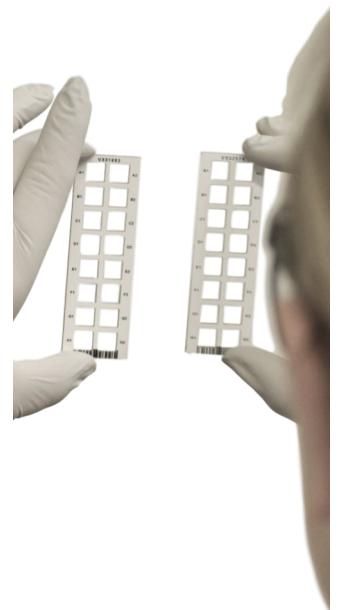
Analytics for Any Process Step

Kits can be used to optimize virus growth, track antigen levels, and improve yield throughout the bioprocess stages using any production matrix.

Serology Testing

Seroprevalance & Serosurveillance

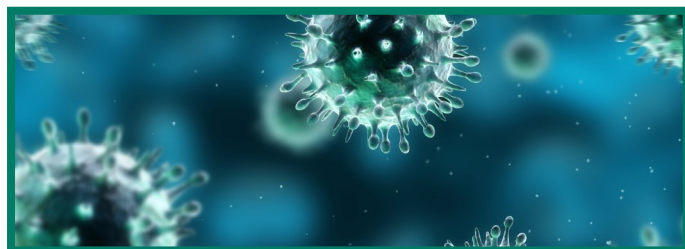
InDevR's multiplexed microarrays can be used to quantitate seroprevalance and serosurveillance in assays such as the VaxArray Coronavirus SeroAssay or other custom formats.



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 Kits
Coronavirus Spike Protein Assay Kit
Coronavirus SeroAssay Kit
Measles and Rubella Kit

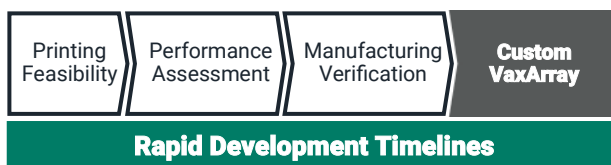


Testing Services

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 are happy to develop custom kits 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.

