



For Influenza Protein Quantification and Vaccine Potency Assay

The VaxArray® Seasonal Hemagglutinin Potency Assay is an easy to use multiplexed immunoassay for quantifying influenza hemagglutinin (HA) protein. The assay is based on a “universal” panel of subtype-specific monoclonal antibodies printed in an array format. This cutting-edge technology will enable vaccine researchers and manufacturers to track HA concentration at all stages of the process, from crude extracts through finished product.

Key Features & Benefits

- **Correlated with SRID.** Measure hemagglutinin throughout the manufacturing process without changing methods along the way.
- **Subtype Specific and Multiplexed.** Quantify monovalent or all components of a quadrivalent formulation.
- **Stability Indicating.** As an immunoassay, VaxArray Influenza measures biologically relevant forms of HA.
- **All in One Kit.** Eliminates need for in-house preparation of plates or gels; streamlines testing (time to result is less than 2hrs) and uses standardized reagents.
- **Automated Image and Data Processing.** Reduce time spent collecting data and realize greater reproducibility through a standardized data processing algorithm.



This robust, multiplexed assay is available in a compact, easy to use platform that is affordable for any lab. Contact InDevR for more information.

VaxArray® Influenza Seasonal Hemagglutinin Potency Assay	
Time to Result	< 2 hours
Functional Assay	YES
Stability Indicating	YES
Eliminates Need for Seasonal Antisera	YES
Subtype Specific	YES
Limit of Detection	~10 ng/mL
Quantification Range	~0.01-1 µg/mL
In Process Samples	YES
Monovalent and Quadrivalent	YES
Multiplexed	YES
Commercially Available	YES
Available as Service	YES
For Research Use Only	

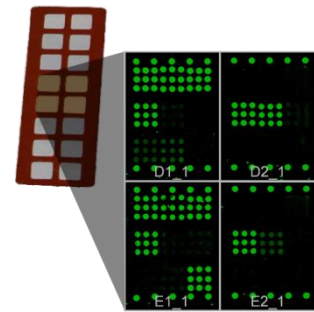


Technical Specifications



VaxArray® Imaging System

Resolution	6.7 μm
Camera Resolution	1296 x 964 full frame
Scan time for 96-well plate	< 10 minutes
Excitation	60 mW LEDs
Excitation Wavelengths:	
Green	490 - 540 nm
Red	490 - 540 nm
Emission Wavelengths:	
Green	560 - 590 nm
Red	660 - 710 nm
Image Storage Format	16-bit TIFF grayscale
Results Storage Format	CSV spreadsheet, XML files



General Specifications

Dimensions (in.)	17.3(W) x 13.7(D) x 9.8(H)
Weight	33 lbs
AC input	100-240V, 47 - 63 Hz
Input Power	Max 150W

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2100 Central Ave, Suite 106 | Boulder, CO 80301
www.indevr.com | 303.402.9100 | indevr@indevr.com