

VAXARRAY[®] Pandemic

Influenza Neuraminidase Potency Assay

An Influenza Protein Quantification and Vaccine Potency Assay

The VaxArray[®] Influenza Pandemic Neuraminidase Potency Assay is an easy to use immunoassay for confirming the presence of influenza neuraminidase (NA) protein. The assay is based on a novel panel of subtype-specific monoclonal antibodies printed in an array format. This cutting-edge technology will enable vaccine researchers and manufacturers to measure NA at all stages of the process, from crude extracts through finished product.

Key Features & Benefits

- **High Coverage and Specificity.** Broadly reactive and subtype specific measurement of pandemic/pre-pandemic H7N9 NA subtypes
- **Correlated with MUNANA.** The assay is highly correlated with enzymatic activity
- **Compatibility with Adjuvants.** NA quantification using N9(i) and N9(ii) is unaffected by the presence of adjuvant. *Do not use N9(iii) for quantification in the presence of adjuvant.*
- **Stability Indicating.** Measures biologically relevant forms of NA
- **All in One Kit.** Eliminates need for in-house preparation of plates or gels; streamlines testing (time to result is less than 2 hrs) and can be used with or without standardized reagents
- **Automated Image and Data Analysis.** Reduce time spent collecting data and realize greater reproducibility through a standardized data processing algorithm

This robust assay is available in a compact, easy to use platform.

Contact InDevR for more information.



VaxArray [®] Influenza Seasonal Neuraminidase Potency Assay	
Time to Result	< 2 hours
Functional Assay	YES
Stability Indicating	YES
Subtype Specific	YES
Limit of Detection	~0.02 µg/mL
Quantification Range	~0.02-0.5 µg/mL
In Process Samples	YES
Monovalent and Multivalent	YES
Commercially Available	YES
Available as Service	YES
Not for diagnostic or therapeutic use	



Technical Specifications



VaxArray® Imaging System

Resolution on the sample	6.7 μm /Pixel
Camera pixel resolution	1.3 Mpixel
Excitation	High Power LEDs
Excitation Wavelengths:	
Green	510 - 540 nm
Red	630 - 640 nm
Emission Wavelengths:	
Green	570 - 600 nm
Red	670 - 720 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 (15 kg)
AC input	100-240V, 47-63 Hz
Input Power	Max. 150W

