

OmniFlu HA/NA 96

Speed Development of Seasonal Influenza Vaccines

HA and NA Quantification in One Assay

In addition to hemagglutinin (HA), neuraminidase (NA) is increasingly being considered for inclusion in influenza mRNA vaccines to increase immunogenicity, and may be present in both egg-based and cell-based vaccines. Regulatory agencies at minimum require NA identity testing for NA-containing vaccines and discussions are ongoing regarding future regulation of NA content, with many manufacturers preferring additional characterization of NA in their vaccine products.

A ready-to-go, validated, automation-friendly solution for seasonal influenza vaccine manufacturers, OmniFlu HA/NA 96 consolidates hemagglutinin and neuraminidase detection and quantification into one assay. It drastically reduces testing time, and eliminates in-house development, optimization and validation work up front.

- **More answers per test** – Quantify 7 seasonal HA and NA influenza targets in a single assay.
- **Validated each season** – Validated for use with every World Health Organization recommended seasonal influenza strain.
- **Broad reactivity** – Reactive with egg- and cell-based vaccines, recombinant antigens, and expressed HA/NA in cell-based assays for mRNA vaccines.

OmniFlu HA/NA 96 Microarray Layout

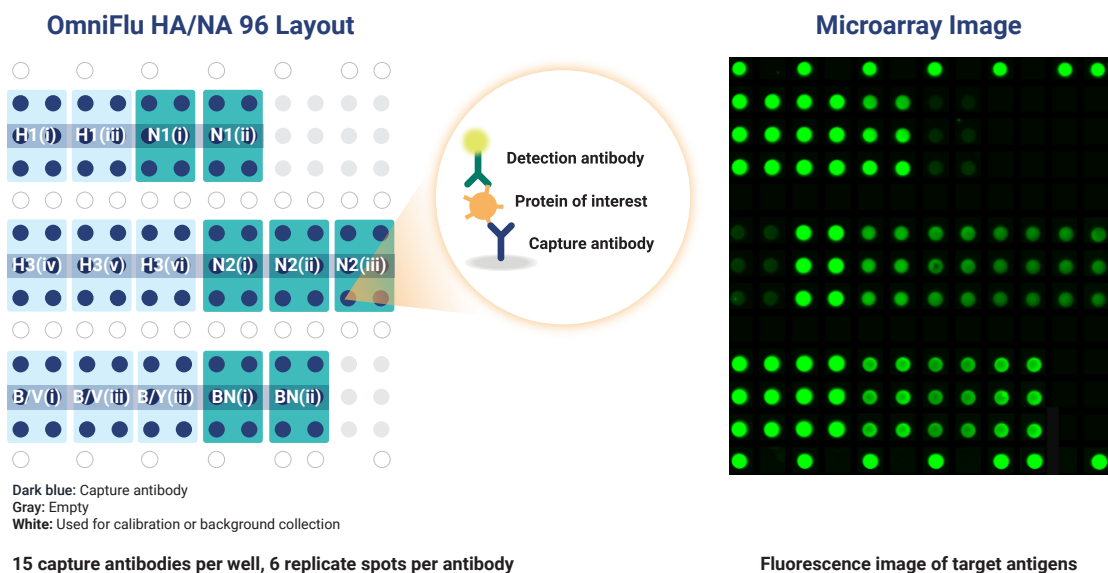


Figure 1. OmniFlu HA/NA 96 targets 7 unique proteins (influenza HA from H1, H3, B/Victoria and B/Yamagata, and influenza neuraminidase subtypes N1, N2, and B/NA) but contains multiple antibodies for each seasonal influenza subtype and lineage (except for B/Yamagata). This better ensures reactivity of at least one capture antibody per subtype or lineage depending on production method and strain.

Streamline Your Production

OmniFlu HA/NA 96 is only one of the innovative kits designed for use on the VaxArray® platform. This easy-to-use benchtop device enables vaccine developers and manufacturers to simplify and standardize their workflows. Explore additional kits and learn how the VaxArray platform can help you optimize your production line by visiting

indevr.com/vaxarray



Product Details

Format	24-well microarray slide
Kit Size	4 Slides, 96 Samples and/or Standards
Compatible Production Platform	Egg-based Cell-based (MDCK) Recombinant (Sf9) mRNA-expressed (HEK-293, Hep3b)
Target HAs	H1, H3, B/Victoria, B/Yamagata
Target NAs	N1, N2, and B/NA
Seasonal Reactivity Assessment	Reactive with most recent WHO strain recommendations (egg and cell) for Northern and Southern Hemisphere
Time to Result	< 2 hours
Instrument	VaxArray
Software	Version 3.X

Ordering

Product	Quantity	Cat. Number
VaxArray Instrument	1 System	VX-6001
OmniFlu HA/NA 96 Kit	4 Slides	VXI-7701-96



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