

Summary of 2026 Annual Flu Strain Reactivity testing

Catalog 256045: BD Veritor™ System for Rapid Detection of Flu A + B, CLIA-Waived kit

A panel of six human influenza viral strains was provided by the Centers for Disease Control for evaluating the reactivity of the BD Veritor™ System Flu A+B CLIA-waived test, as required by CFR 866.3328. The viral isolates included four Influenza A and two Influenza B strains. Each sample was serially diluted in five-fold dilutions from the stock provided and each dilution was assayed in replicates of five. To create samples for testing, mock patient samples were prepared by pipetting 50 µL of each diluted sample onto a swab. Each swab was tested following the procedure included in the BD product package insert.

All strains were successfully detected. The concentrations highlighted below identify the lowest dilution at which any of the five replicates gave a positive reading.

Results²:

Influenza Virus (Type/Subtype)	Virus Strain Name	Stock EID50/mL	Virus Serial Dilution Concentration (EID50/mL) and Number of Positive Results at Each Dilution						
			5x	25x	125x	625x	3125x	15625x	78125x
A(H1N1)pdm09	A/Missouri/11/2025*	10 ^{7.8}	2 x 10 ^{6.8}	4 x 10 ^{5.8}	8 x 10 ^{4.8}	1.6 x 10 ^{4.8}	3.2 x 10^{3.8}	6.4 x 10 ^{2.8}	1.28 x 10 ^{2.8}
			5/5	5/5	5/5	5/5	1/5	0/5	0/5
	A/Victoria/4897/2022	10 ^{9.25}	2 x 10 ^{8.25}	4 x 10 ^{7.25}	8 x 10 ^{6.25}	1.6 x 10^{6.25}	3.2 x 10 ^{5.25}	6.4 x 10 ^{4.25}	NA
			5/5	5/5	5/5	5/5	0/5	0/5	
A(H3N2)	A/Michigan/105/2025*	10 ^{8.5}	2 x 10 ^{7.5}	4 x 10 ^{6.5}	8 x 10^{5.5}	1.6 x 10 ^{5.5}	3.2 x 10 ^{4.5}	NA	NA
			5/5	5/5	5/5	0/5	0/5		
	A/Wisconsin/160/2024	10 ^{8.75}	2 x 10 ^{7.75}	4 x 10 ^{6.75}	8 x 10 ^{5.75}	1.6 x 10 ^{5.75}	3.2 x 10^{4.75}	6.4 x 10 ^{3.75}	1.28 x 10 ^{3.75}
			5/5	5/5	5/5	5/5	5/5	0/5	0/5
B(Victoria lineage)	B/Tokyo/EIS13-175/2025*	10 ^{8.75}	2 x 10 ^{7.75}	4 x 10 ^{6.75}	8 x 10^{5.75}	1.6 x 10 ^{5.75}	3.2 x 10 ^{4.75}	NA	NA
			5/5	5/5	5/5	0/5	0/5		
	B/Austria/1359417/2021	10 ^{8.5}	2 x 10 ^{7.5}	4 x 10 ^{6.5}	8 x 10^{5.5}	1.6 x 10 ^{5.5}	3.2 x 10 ^{4.5}	NA	NA
			5/5	5/5	1/5	0/5	0/5		

*FDA recommended influenza viruses for the composition of influenza vaccines in the 2026-2027 U.S. influenza season (northern hemisphere)

²all samples consisted of 50 µL of diluted viral sample on a swab identical to those contained in the BD Veritor™ CLIA Waived Flu kit. Results with actual patient samples may vary.