

Influenza A Virus, A/mallard/Wisconsin/2576/2009 (H5N1), Tissue Culture Adapted, in Madin-Darby Canine Kidney Cells, Gamma-Irradiated

Catalog No. NR-59421

Product Description:

NR-59421 consists of a crude preparation of cell lysate and supernatant from Madin-Darby Canine Kidney (MDCK) cells infected with influenza A, A/Wisconsin/2576/2009 (H5N1) that was gamma-irradiated (5×10^6 RADs) on dry ice.

Lot: 70063584

Manufacturing Date: 30NOV2023

TEST	SPECIFICATIONS	RESULTS
Genome Copy Number Using BioRad QX200 Droplet Digital PCR (ddPCR™) System¹ (15 replicates)	Report results	2.1 X 10 ⁹ genome equivalents per mL
Virus Inactivation 10% of total bulk gamma-irradiated preparation inoculated on MDCK cells and evaluated for cytopathic effect and expression of viral antigen by indirect immunofluorescence assay ^{2,3}	No viable virus detected	No viable virus detected

¹The genome copy number reported is obtained using Qiagen RNA extraction kit (Cat 52906).

²The gamma-irradiated virus preparation was plated on MDCK cells and incubated for 14 days at 37°C and 5% CO₂; cell lysate and supernatant from these cultures were blind passaged on fresh monolayers of MDCK cells and again incubated for 14 days at 37°C and 5% CO₂.

³Performed at University of Texas Medical Branch, Galveston, Texas, USA

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28 FEB 2024

Technical Manager or designee, ATCC Federal Solutions

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