



NATtrol™ Influenza AH1 Virus Stock

Catalog #: NATFLUAH1-ST

PRODUCT DESCRIPTION:

NATtrol™ Influenza AH1 Virus Stock (NATFLUAH1-ST) is formulated with purified, intact virus particles that have been chemically modified to render them non-infectious and refrigerator stable*. Each vial contains 1.0 mL of Influenza A Virus NATtrol™. NATFLUAH1-ST is supplied in a purified protein matrix that mimics the composition of a true clinical specimen.

*NATtrol™ Patents Pending

INTENDED USE:

- NATtrol™ Influenza AH1 Virus Stock is designed to evaluate the performance of nucleic acid tests for determination of the presence of Influenza A RNA. NATFLUAH1-ST can also be used for validation of clinical assays, development of diagnostic tests and training of laboratory personnel.
- NATFLUAH1-ST contains intact virus and should be run in a manner identical to that used for clinical specimens.

ETIOLOGIC STATUS/BIOHAZARD TESTING:

- NATtrol™ inactivation was carried out on the Influenza A stock used to formulate this product. The inactivation was verified by the absence of viral growth in validated tissue culture based infectivity assays.
- The purified protein matrix was manufactured from materials that were screened and found to be negative for HIV 1&2 Ab, HBsAg, HTLV I&II Ab, HCV Ab, HIV RNA, HBV DNA and HCV RNA using FDA cleared kits at the single donor level.

PRECAUTIONS:

- Although NATFLUAH1-ST contains inactivated virus, it should be handled as if potentially infectious.
- Use Universal Precautions when handling this product.
- To avoid cross-contamination, use separate pipette tips for all reagents.

RECOMMENDED STORAGE:

- NATtrol™ Influenza AH1 Virus Stock should be stored at 2-8°C.

INSTRUCTIONS FOR USE:

- Extract Influenza A RNA prior to use in downstream assays.

TABLE 1:

| Catalog Number | Strain | Concentration (Ct Range)* |
|----------------|-------------------|---------------------------|
| NATFLUAH1-ST | A/Singapore/63/04 | 22-25 |

*Cycle threshold (Ct) range based on in-house RT-PCR assay targeting the Matrix (M) gene region.

DO NOT USE IN HUMANS

These products are intended for research, product development, quality assurance or manufacturing use. These products are NOT intended for use in the manufacture or processing of injectable products subject to licensure under section 351 of the Public Health Service Act or for any other product intended for administration to humans.

This product was manufactured in a facility which has a Quality Management System that is certified as being in compliance with ISO 13485.

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