



**NATtrol™ Human Parvovirus
Strain: B19**

Catalog #: NATPARVO-0001
Catalog #: NATPARVO-0002
Catalog #: NATPARVO-0003
Catalog #: NATPARVO-0004
Catalog #: NATPARVO-0005

PRODUCT DESCRIPTION:

NATtrol™ Human Parvovirus (NATPARVO-0001, NATPARVO-0002, NATPARVO-0003, NATPARVO-0004, and NATPARVO-0005) 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 Parvovirus NATtrol™ at target concentrations listed in Table 1. NATPARVO is supplied in a purified protein matrix that mimics the composition of a true clinical specimen.

*NATtrol™ Patents Pending

INTENDED USE:

- NATtrol™ Human Parvovirus is designed to evaluate the performance of nucleic acid tests for determination of the presence of Parvovirus DNA. NATPARVO can also be used for validation of clinical assays, development of diagnostic tests and training of laboratory personnel.
- NATPARVO 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 Parvovirus stock used to formulate this product. The inactivation was verified by the absence of viral growth of a surrogate virus 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 NATPARVO 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.

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

RECOMMENDED STORAGE:

- NATtrol™ Human Parvovirus should be stored at 2-8°C.

INSTRUCTIONS FOR USE:

- Extract Parvovirus DNA prior to use in downstream assays.

TABLE 1:

Catalog Number	Target Concentration (IU/mL)*
NATPARVO-0001	10,000
NATPARVO-0002	100,000
NATPARVO-0003	1,000,000
NATPARVO-0004	10,000,000
NATPARVO-0005	100,000,000

*Based on internal testing of the 2nd WHO International Standard for Parvovirus B19 DNA for Nucleic Acid Amplification (NAT) Assay (NIBSC code: 99/802)

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.

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