









# Virus and Chlamydia Control Stocks

Frozen Viral and Chlamydial Isolates  
for use as Cell Culture Controls

Please contact Diagnostic HYBRIDS Technical Services for technical assistance regarding this procedure.

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## Symbols Lexicon/Glossary

	Temperature limit		Batch code/lot number
	Consult instructions for use		Catalog number
	Manufacturer		Use by YYYY-MON-DD
	Authorized representative in the European Community		CE mark of conformity (Conformité Européen)

## Intended Use:

Unassayed controls for *in vitro* diagnostic use.

The virus and *Chlamydia* control stocks are frozen 400- $\mu$ L liquid aliquots. Each virus or *Chlamydia sp.* has been propagated at Diagnostic HYBRIDS using recommended cultured cell types. Validation of these isolates with alternate cultured cells or other uses (i.e., nucleic acid detection) is the responsibility of the end-user.

## Principle:

Each viral or Chlamydial isolate has been propagated in cell culture and frozen at  $-70^{\circ}$  C. The actual titer of each organism is unknown, and has not been assayed. Inoculation of the cultured cells with these isolates should be performed as described in the DHI *FreshCells™* product insert. The cultured cells may be examined for cytopathic effect (CPE) or stained with an appropriate labeled virus-specific or Chlamydia-specific monoclonal antibody preparation. Each aliquot has sufficient virus or *Chlamydia sp.* to allow identification of CPE (if the particular organism exhibits CPE) within 72-hours post-inoculation of the appropriate *FreshCells™* culture.

## Storage and handling instructions:

It is important that the isolates be stored at  $-70^{\circ}$ C or lower. Once the isolate has been thawed it should not be re-frozen.

## Warnings and Precautions:

- These Virus or Chlamydia Stock Controls are considered to be "Biosafety Level 2" organisms. Personnel working with this panel must be properly trained in virus culture and safe handling techniques.<sup>1</sup>
- Manipulations which present potential personnel hazards should be conducted in a Class II hood with gloves worn at all times and in accordance with the guidelines presented in the CDC-NIH Manual.

<sup>1</sup> CDC-NIH Manual, *Biosafety in Microbiological and Biomedical Laboratories* (BMBL), 5<sup>th</sup> edition, 2007, CDC-NIH manual. [<http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm>]

## Virus and Chlamydial Handling and Usage Instructions:

1. The viral or Chlamydial stocks must be transferred from the shipping container to a  $-70^{\circ}$ C or lower freezer immediately upon receipt.
2. At the time of use, rapidly thaw the aliquots in a  $35^{\circ}$  to  $37^{\circ}$ C water bath.
3. Vortex the aliquots for 10-seconds prior to use.
4. Inoculate the aliquots without further dilutions. (200- $\mu$ L is the recommended volume for inoculation). Each vial should be sufficient to inoculate two cultures.

Virus and Chlamydia Stock	Part number
<i>Herpes simplex</i> type 1	20-4810020
<i>Herpes simplex</i> type 2	20-4820020
<i>Cytomegalovirus</i>	20-4900010
<i>Varicella-zoster virus</i>	20-4600010
<i>Respiratory Syncytial virus</i>	20-4730010
<i>Influenza A virus</i>	20-4710010
<i>Influenza B virus</i>	20-4720010
<i>Adenovirus</i>	20-4740010
<i>Parainfluenza</i> type 1	20-4750010
<i>Parainfluenza</i> type 2	20-4760010
<i>Parainfluenza</i> type 3	20-4770010
<i>Echovirus</i>	20-4510130
<i>Coxsackie virus</i> type B	20-4420010
<i>Chlamydia trachomatis</i>	20-4310010
Respiratory Viruses, seven major, mixed	20-4700010
Human Metapneumovirus	20-4780010

## Warranty Statement

These products are warranted to perform as described in their labeling and the Diagnostic HYBRIDS literature when used in accordance with their instructions. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THIS EXPRESS WARRANTY AND DIAGNOSTIC HYBRIDS DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR WARRANTY OF FITNESS FOR PARTICULAR PURPOSE. Diagnostic HYBRIDS sole obligation and purchaser's exclusive remedy for breach of this warranty shall be, at the option of Diagnostic HYBRIDS to repair or replace the products.