

# Metapneumovirus Training Panel

MPV Panel, 20 samples (0.6-mL fill volume)

REF: 02-478020

For Training Use

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

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## Symbols Lexicon/Glossary



Temperature limit



Consult instructions for use



Manufacturer



Batch code/lot number



Catalog number



Use by YYYY-MON-DD

## Intended Use:

For Training use.

The *metapneumovirus* (MPV) panel is comprised of 20 frozen 0.6-mL liquid aliquots. Five (5) of these aliquots have been tested and confirmed to contain viable clinical isolates of human *metapneumovirus* Type A1. An additional five (5) have been tested and confirmed to contain viable clinical isolates of human *metapneumovirus* Type B2. The remaining ten (10) aliquots have been tested and confirmed as negative for the presence of *metapneumovirus*. The panel has been designed for use with cell culture and/or direct specimen testing. The validation of this panel with non-cell culture systems, other than direct patient sample fluorescent antibody staining, is the responsibility of the end-user.

## Principle:

Ten (10) samples originating from two human *metapneumovirus* isolates have been propagated in cell culture, diluted and frozen at -70° C. The actual titer in each aliquot is unknown, and has not been quantitatively assayed. Testing of this panel should be performed as described in the Product Insert or Instructions for Use of the system in which it will be used.

## Storage and handling instructions:

It is recommended that the MPV panel be stored at -70°C or lower. Once the panel has been thawed it should not be re-frozen.

## Warnings and Precautions:

1. Personnel working with this panel must be properly trained in virus culture and safe handling techniques.<sup>1</sup>
2. 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.

## Virus Handling and Usage Instructions:

1. The MPV panel should be transferred from the shipping container to a -70°C or lower freezer immediately upon receipt.
2. At the time of use, rapidly thaw the panel aliquots in a 35° to 37°C water bath.
3. Vortex the aliquots for 10-seconds prior to use.
4. Test the panel aliquots without further dilutions. (200-µL is the recommended volume for culture inoculation)

## MPV Training Panel Key

Panel Member	Expected Result	Panel Member	Expected Result
1	Negative	11	Positive
2	Positive	12	Negative
3	Positive	13	Positive
4	Negative	14	Positive
5	Negative	15	Negative
6	Positive	16	Negative
7	Negative	17	Positive
8	Positive	18	Negative
9	Negative	19	Positive
10	Positive	20	Negative

## 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.

<sup>1</sup> 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>