

Enterovirus Training Panel

Enterovirus Panel, 24 samples (1.0-mL fill volume)









REF: 02-440020

For Training Use

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

USA Toll-free: (866) 344-3477
Direct: +1(740) 589-3300
Fax: +1(740) 592-9820
E-mail: technical_services@dhiosa.com

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:

For Training Use.

The Enterovirus Training Panel is comprised of 24 frozen 1-mL liquid aliquots. Twelve of these aliquots have been tested and presumptively confirmed to contain viable clinical isolates of viruses in the family Picornaviridae, with the Genus name of *Enterovirus*. This Genus is comprised of the coxsackie A, coxsackie B, echovirus, poliovirus, and enteroviruses 68 through 71. The remaining twelve aliquots have been tested and confirmed as negative for the presence of enteroviruses. The panel has been designed for use with Diagnostic Hybrids, Inc. (DHI) Super-E-Mix™ mixed cells (provided as monolayers of a mixture of A549 (human laryngeal carcinoma) and a genetically engineered BGMK (Buffalo green monkey kidney), and DHI D³ IFA Enterovirus Identification Kit. The panel has been designed for use with cell culture. The validation of this panel with non-cell culture systems is the responsibility of the end-user.

Principle:

Twelve (12) viruses in the Genus *Enterovirus* have been propagated in cell culture and frozen at -70°C. The actual titer of each virus is unknown, and has not been assayed. Inoculation of the Super E-Mix™ cells with this panel should be performed as described in the DHI Super E-Mix™ Product Insert. The Super E-Mix™ cells may be stained or observed for cytopathic effect (CPE). Staining the Super E-Mix™ cells with DHI D³ IFA Enterovirus Identification Kit can be performed as early as 24-hours post inoculation. Each aliquot has sufficient virus titers to allow identification of CPE within 48-hours post-inoculation of the Super E-Mix™ cells.

Storage and handling instructions:

It is recommended that the 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.¹
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 Enterovirus Training 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. Inoculate the panel aliquots without further dilutions. (200-µL is the recommended volume for inoculation)

Enterovirus Panel Key

Panel Member	Expected Result	Panel Member	Expected Result
1	Negative	13	Enterovirus
2	Negative	14	Negative
3	Enterovirus	15	Negative
4	Enterovirus	16	Enterovirus
5	Enterovirus	17	Negative
6	Negative	18	Negative
7	Negative	19	Enterovirus
8	Enterovirus	20	Enterovirus
9	Enterovirus	21	Negative
10	Negative	22	Negative
11	Enterovirus	23	Negative
12	Enterovirus	24	Enterovirus

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.

D³ and Super E-mix are trademarks of Diagnostic HYBRIDS, Athens, OH, USA.

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