

# General Category

May 2011

Summary of scores, responses, and  
statistics for General Category Samples:  
1261, 1262, 1263, 1264, 1265

## **Disclaimer**

**The use of brand and/or trade names in this summary  
does not constitute an endorsement of the products on  
the part of the Wadsworth Center or the  
New York State Department of Health**

**The New York State Proficiency Testing Program May 2011  
General Category Evaluation Reports are available on the Health  
Commerce System via EPTRS and can be printed for your records.**

This summary is based on scores and responses in the Electronic Proficiency Testing Reporting System.

**Sample Description:**

The May 2011 General panel contained three simulated patient specimens that were isolates from patient specimens and two no virus samples. All NYSDOH Proficiency Test samples were prepared from isolates of viruses grown from clinical specimens received in the Virology Laboratory at the Wadsworth Center.

**NYS PT Sample 1261, Cytomegalovirus**, was a tracheal swab from a seven week old male. The sample was originally isolated in 2008.

**NYS PT Sample 1262, Coxsackievirus A, type 9**, was a stool sample from a one year old female. The sample was originally isolated in 2006.

**NYS PT Sample 1263** was a **No virus** specimen.

**NYS PT Sample 1264** was a **No virus** specimen.

**NYS PT Sample 1265, Echovirus, type 6**, was a throat swab from a five year old male. The virus was originally isolated in 2008.

**Sample Scoring and Validation**

The scores and analysis from the May 2011 General Panel are shown below. Federally mandated validation criteria require a sample to be correctly identified by at least 80% of participating laboratories. CLIA and CLEP established a passing grade for participating laboratories at 80% or greater.

All five samples are valid and their identities were also confirmed by reference laboratories (all are public health laboratories).

**Please be aware that scoring is based on the number of samples your facility tested. No credit will be give for samples not tested.** For example, if a facility tested four of the five PT samples, the total score would be based on four responses, each worth, 25%. Therefore, if one response was incorrect, the total score would be 75%, a failing grade.

## May 2011 General Event

### Scoring Analysis: 38 Participating Laboratories

Sample #	1261	1262	1263	1264	1265
Sample Identification	Cytomegalovirus	Coxsackie virus A, type 9	No virus	No virus	Echovirus, type 6
Titer (TCID <sub>50</sub> ) Log 10/ml	4.5	7.8	0	0	6.3
Laboratories Scoring 100%	36	38	37	38	38

### General Grade Distribution

Total Score For Panel	100%	90%	80%	60%	40%	20%
Participating Laboratories	35	1	2	0	0	0

### Culture Methods Reported by Laboratories

#### # of Responses Using Each Method/Sample

	Sample 1261	Sample 1262	Sample 1263	Sample 1264	Sample 1265
Conventional	9	18	10	11	13
Centrifugation Enhanced	9	9	11	9	8
Conventional & Centrifugation Enhanced	20	11	17	18	17

Cell Lines	1261 Inoculated	1261 Detected In	1262 Inoculated	1262 Detected In	1265 Inoculated	1265 Detected In
A549	6	1	9	4	6	3
AGMK	1		1	1	1	1
BGMK	1		1	1	1	1
CV-1	1					
E-Mix	3		7	7	7	7
ELVIS			1			
H & V Mix	3	2	1		1	
HEL	1	1	1		1	
HEp-2						
HFF	1	1	1		1	1
ML						
MKCy						
MRC-5	31	31	23	13	29	15
MRC-5 Shell vial					3	1
MRHF	2		3	1		
pRK	1		1			
R-Mix	6		2		4	
R-Mix Too	2		1		4	
RhMK	22		30	30	33	30
Super E-Mix	1		2	1	2	1
Vero						
WI-38	1		1	1	1	1

\*To generate this data, the first **two** selections listed in the submitted information have been captured from each laboratory. The additional selections by laboratories that inoculated more than two cell lines have not been included.

“Cell Line Inoculated” or “Detected In” data is not included in the above chart for Samples 1263 and 1264, No virus.

## Sample 1261

### Cytomegalovirus

#### Confirmation Reagents

Reagent Name	# of Responses
Bartels CMV DFA kit	7
Chemicon	2
Chemicon/Millipore CMV DFA kit	7
DHI	1
D3 CMV DFA kit	4
Dupont anti-CMV Late Nuclear Protein Antibody	1
IQ Products CMV monoclonal antibody	1
Light Diagnostics CMV IFA kit	3
Meridian	1
Millipore	3
Perkin Elmer CMV monoclonal Ab	1
Simulfluor CMV DFA	1

#### Confirmation Methods

Method	#of Responses
Immunofluorescence	34
No confirmation testing performed	4

## Sample 1262

### Coxsackievirus A, type 9

#### Confirmation Reagents

Reagent Name	# of Responses
Chemicon	2
DHI	3
DHI Enterovirus IFA Enterovirus screen	5
DHI D3 IFA Enterovirus kit	8
Gene Xpert	1
Light Diagnostics Panentero blend	5
Millipore Enterovirus Screening Set	3
Millipore Coxsackie A9	1
Millipore Coxsackie Antibody set	3
Millipore Light Diagnostics MAB	4
Subculture/passage	1

#### Confirmation Methods

Method	# of Responses
Immunofluorescence	34
No confirmation testing performed	2
PCR	1

**Sample 1265**  
**Echovirus, type 6**

**Confirmation Reagents**

Reagent Name	# of Responses
Chemicon	1
Chemicon Light Diagnostics Panentero ab	5
DHI	3
DHI D3 IFA Enterovirus kit	9
DHI Enterovirus IFA	4
Millipore Echovirus	1
Millipore Echovirus Antibody set	3
Millipore Enterovirus Screening set	4
Millipore Light Diagnostics MAB	4
Subculture/passage	1

**Confirmation Methods**

Method	# of Responses
Acid lability	1
Immunofluoresence	34
No confirmation testing performed	2

Confirmation Reagent data is not included in the above charts for Samples 1263 and 1264, No virus.

**Notes:**

- **If your laboratory uses a confirmation method that detects and types a virus, it is expected that your laboratory's result include the virus type.**
- The Virology PT shipping schedule for 2011 is posted on the Clinical Laboratory Evaluation Program website (<http://www.wadsworth.org/labcert/clep/PT/ptindex.html> ).
- May 2011 Proficiency Test Dates:
  - Influenza Direct Antigen Detection: September 13
  - General Isolation: September 14
  - General Isolation Limited to HSV Testing: September 14
  - Rotavirus and Respiratory syncytial virus Direct Antigen Detection: September 20

- **Generic worksheets** can be found at:  
<http://www.wadsworth.org/divisions/infdis/virologyPT/worksheets.shtml>
- **Generic worksheets** can also be printed by logging onto the HPN and navigating to EPTRS, Results page, Print Optional Worksheet.
- **Instruction sheets** can be found at:  
<http://www.wadsworth.org/divisions/infdis/virologyPT/instruction.shtml>
- Participants **MUST** enter responses in ALL fields when reporting electronically; scores may be adversely affected if there are blank fields.
- In the “Virus Isolated” drop down menu, please select “No virus” if your intended answer is “No virus isolated.” The scoring algorithm does not recognize “No virus isolated” and your score may be affected. In the case where “No virus” is selected, please select “Not Applicable: no virus isolated” in the Cell Line Detected In field. For the field, Confirmation Method, select No Confirmation Testing Performed; and in the field, Confirmation Reagents, type NA.

### EPTRS Notes:

- Participation in EPTRS is mandatory. Laboratories must submit test results electronically by logging into the Health Commerce System, navigating to EPTRS, entering results and clicking the “**Submit/Attest**” button on the EPTRS Summary Page.

Please be sure to “Submit” test results. Keeping results as “Saved” is considered non-participation for the event and will automatically result in a failing grade in the electronic