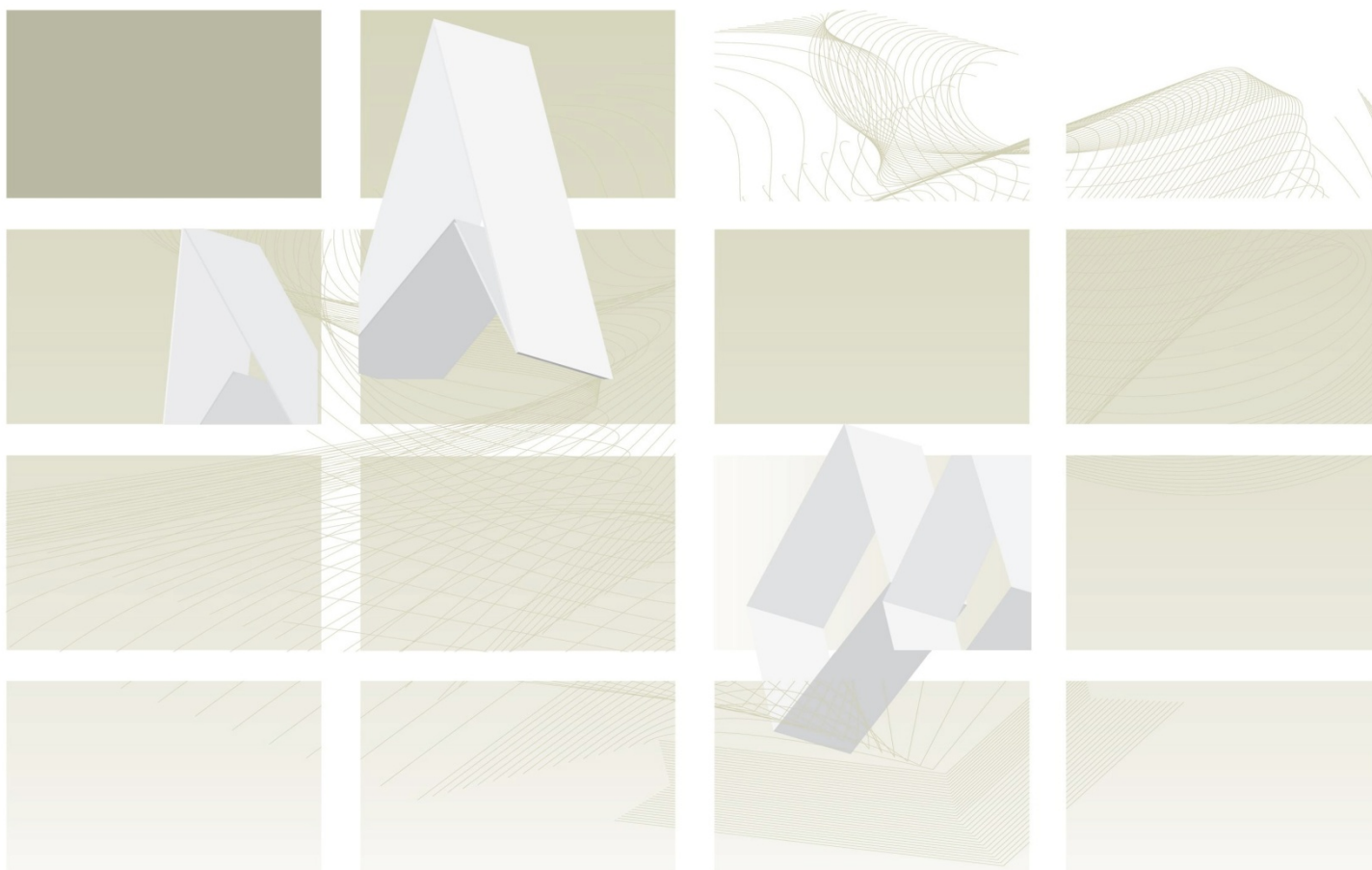




# UK Standards for Microbiology Investigations

**Review of Users' Comments** received by  
Working Group for Microbiology Standards in Clinical  
Virology/Serology

## V 24 Isolation of Enteroviruses and Parechoviruses



Recommendations are listed as ACCEPT/ PARTIAL ACCEPT/DEFER/ NONE or PENDING

Issued by the Standards Unit, Microbiology Services, PHE

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## PROPOSAL FOR CHANGES

<b>Comment Number</b>	1		
<b>Date Received</b>	25/01/2006	<b>Lab Name</b>	Enteric Viruses, Department of Microbiology, UB
<b>Section</b>			
<b>Comment</b>			
<p>Bottom page 5: PCR enables typing of virus isolates as well. In consequence, serotyping should be used instead of typing when cell culture and neutralization is employed for (sero) typing.</p> <p>Page 7, 4.1: same as above.</p>			
<b>Recommended Action</b>	<b>ACCEPT</b> Document amended.		

<b>Comment Number</b>	2		
<b>Date Received</b>	18/01/2006	<b>Lab Name</b>	Evaluations Unit
<b>Section</b>			
<b>Comment</b>			
<ul style="list-style-type: none"> <li>a. P5 Are the descriptions of taxonomy up to date?</li> <li>b. 4.1 The last sentence doesn't make sense.</li> <li>c. Time period for mortaring?</li> <li>d. General point: swapping between 'are' and 'should' in text. Suggest consistency. 'Should' to me suggests you don't have to whereas I thought an SOP is a set of instructions as to what to do.</li> <li>e. There is no mention of what to do with CSF or pericardial fluid specimens.</li> <li>f. 4.2.1 Need to define RD?</li> <li>g. 4.3.1 (photographs to be included) –was this meant to be here? Where are they?</li> <li>h. P8 5.0 Refer to validation NSM?</li> <li>i. 6.0 What is an SM? Presumably Standard Method but worth defining or changing?</li> </ul>			

- j. I appreciate that this is, after all, an isolation SOP but the references as to how great PCR is in the introduction and 'test selection' section mean that the overall impression from this VSOP is that here are the methods but don't bother as PCR is much better. Perhaps the emphasis should be shifted to spell out why this is still important.
- k. Are there any references for the PCR side of things eg typing SOPs?

<b>Recommended Action</b>	<ul style="list-style-type: none"> <li>a. <b>NONE</b> Taxonomy is up to date.</li> <li>b. <b>ACCEPT</b> Sentence amended.</li> <li>c. <b>REJECT</b> Can not be prescriptive about these things</li> <li>d. <b>REJECT</b> The tense changes according to subject discussed.</li> <li>e. <b>ACCEPT</b> Document amended.</li> <li>f. <b>ACCEPT</b> Document amended.</li> <li>g. <b>ACCEPT</b> Remove sentence.</li> <li>h. <b>ACCEPT</b> Reference added</li> <li>i. <b>ACCEPT</b> Document amended.</li> <li>j. <b>ACCEPT</b> Section rewritten.</li> <li>k. <b>ACCEPT</b> Insert references.</li> </ul>
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<b>Comment Number</b>	3		
<b>Date Received</b>	17/01/2006	<b>Lab Name</b>	Luton & Dunstable Hospital
<b>Section</b>	Reporting		
<b>Comment</b>			
Reporting "No virus isolated" is factually correct. However, it does not inform the recipient of the viruses that individual lab systems would be capable of culturing. Is it possible to qualify the result or the test type? For example one could report "Cell culture			

performed on RMK and MRC5 - No virus detected".

**Recommended Action**

**REJECT**

Not appropriate as it is unhelpful to most clinicians and these are minimum standards. Matters such as these should be covered in the laboratory manual and are covered under accreditation.

<b>Comment Number</b>	4		
<b>Date Received</b>	13/01/2006	<b>Lab Name</b>	Sheffield Microbiology
<b>Section</b>	4.2.3		
<b>Comment</b>			
This section specifically mentions the use of primary rhesus monkey kidney cells for the isolation of enteroviruses. Am I right in thinking that ECACC will no longer continue to supply these cells post April 2006. If this is the case would it not be wise to remove the reference to this cell line if it is no longer commonly available in the UK?			
<b>Recommended Action</b>	<b>ACCEPT</b>		
	The section is rewritten.		