



QUALITY CONTROL for MOLECULAR DIAGNOSTICS

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Ass. Prof. Milan Bartos

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Brno - 61500
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02 OCT 2009

Laboratory Code: CZ023

Dear Ass. Prof. Milan Bartos,

QCMD 2009 Legionella pneumophila DNA EQA Programme

Thank you for participating in this QCMD EQA Programme.

Table 1: Expected results of the programme in order of sample content and concentration.

Sample	Sample Content *	Sample conc. **	Sample Status
LP09-04	L. pneumophila sg1 (DNA)	9.0E+07 gen.eq/ml	Frequently Detected
LP09-01	L. pneumophila sg1 (DNA)	9.0E+05 gen.eq/ml	Frequently Detected
LP09-05	L. pneumophila sg1 (DNA)	1.0E+04 gen.eq/ml	Frequently Detected
LP09-06	L. pneumophila sg3 (DNA)	9.0E+07 gen.eq/ml	Frequently Detected
LP09-03	L. longbeachae (DNA)	9.0E+07 gen.eq/ml	Negative
LP09-02	L. pneumophila Negative		Negative
LP09-08	L. pneumophila sg1	1.8E+05 CFU/ml	Frequently Detected
LP09-11	L. pneumophila sg1	1.8E+04 CFU/ml	Frequently Detected
LP09-10	L. pneumophila sg1	1.8E+03 CFU/ml	Detected
LP09-07	L. pneumophila sg3	1.3E+03 CFU/ml	Infrequently Detected
LP09-09	L. micdadei	1.0E+05 CFU/ml	Negative
LP09-12	L. pneumophila Negative		Negative

* TE Buffer (10 mM Tris-HCl, 1 mM EDTA). BAL: Brochoalveolar lavage.

** gen.eq/ml: genome equivalents per ml. CFU/ml: Colony Forming Units per ml.

The data presented in this report shows the following for each of the panel samples:

1. Your qualitative results and scores
2. Your quantitative results and scores where applicable

If you have any queries concerning this study please contact William MacKay in the QCMD Neutral Office (neutraloffice@qcmd.org).

Yours Sincerely,

Dr Anton Van Loon
QCMD Executive Co-ordinator



QCMD 2009: The data and report documents provided are intended for the sole use of the participant. It is based on material in our possession or supplied to us, which we believe to be reliable. Whilst every effort has been made to ensure its accuracy, we cannot offer any warranty that factual errors have not occurred. We therefore take no responsibility for any damage or loss that may be suffered by reason of any such inaccuracies.

The QCMD Programme is organised in collaboration with the European Society for Clinical Virology and the European Society for Clinical Microbiology & Infectious Diseases



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1. Analysis of your laboratory's Qualitative EQA data

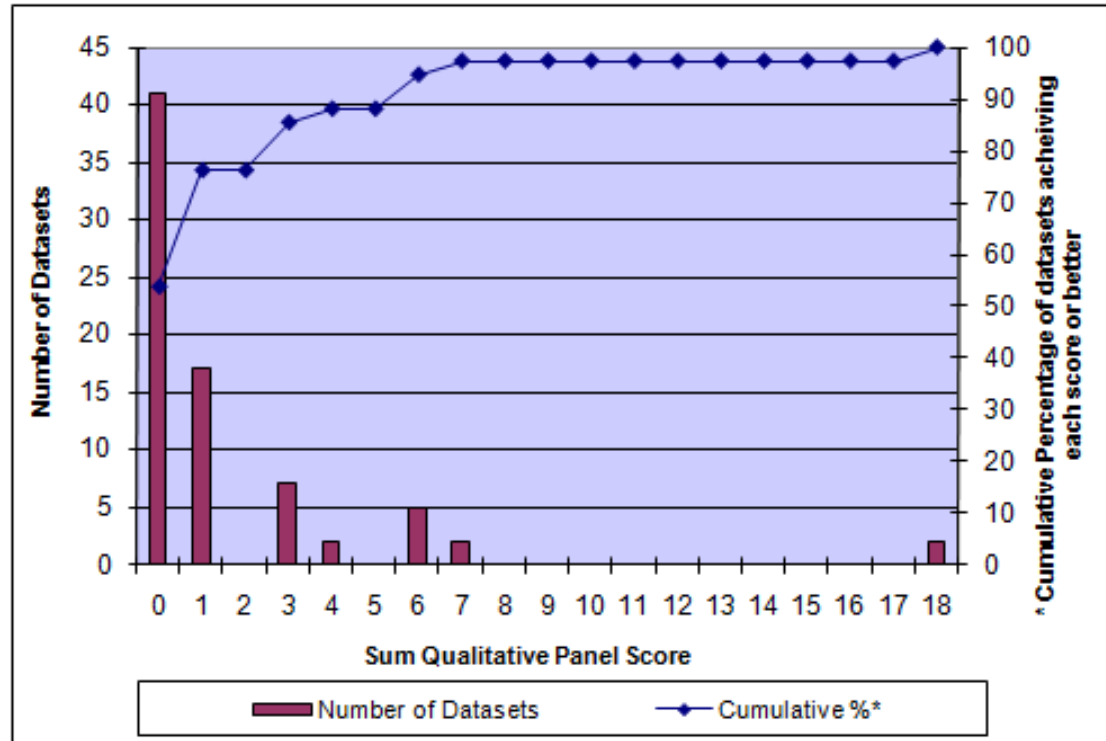
Dataset code : 1

Date Submitted : 13 AUG 09

Table 2: Your laboratory's qualitative results and performance scores

Sample	Sample Content	Qualitative		
		Sample Status	Your qualitative result	Your qualitative score
LP09-04	L. pneumophila sg1 (DNA)	Frequently Detected	positive	0
LP09-01	L. pneumophila sg1 (DNA)	Frequently Detected	positive	0
LP09-05	L. pneumophila sg1 (DNA)	Frequently Detected	positive	0
LP09-06	L. pneumophila sg3 (DNA)	Frequently Detected	positive	0
LP09-03	L. longbeachae (DNA)	Negative	negative	0
LP09-02	L. pneumophila Negative	Negative	negative	0
LP09-08	L. pneumophila sg1	Frequently Detected	positive	0
LP09-11	L. pneumophila sg1	Frequently Detected	positive	0
LP09-10	L. pneumophila sg1	Detected	positive	0
LP09-07	L. pneumophila sg3	Infrequently Detected	positive	0
LP09-09	L. micdadei	Negative	negative	0
LP09-12	L. pneumophila Negative	Negative	negative	0
Sum Qualitative Panel Score				0

Figure 1: Sum Qualitative Panel Scores for all participants



The number of Qualitative datasets analysed : 76
 The sum of the Qualitative Panel Score for your dataset is : 0
 This maximum score was achieved by : 53.9 % of all datasets