



QUALITY CONTROL for MOLECULAR DIAGNOSTICS

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Ass. Prof. Milan Bartos

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19 JAN 2010

Laboratory Code: CZ023

Dear Ass. Prof. Milan Bartos,

QCMD 2009 Hepatitis C virus RNA EQA Programme B

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
HCV09B-03	HCV Type 1a	3420	Frequently detected
HCV09B-08	HCV Type 1a	966	Frequently detected
HCV09B-05	HCV Type 1a	379	Frequently detected
HCV09B-02	HCV Type 1a	403	Frequently detected
HCV09B-09	HCV Type 1a	136	Detected
HCV09B-07	HCV Type 5a	675	Detected
HCV09B-04	HCV Type 5a	229	Detected
HCV09B-06	HCV Type 5a	73	Detected
HCV09B-01	HCV negative plasma		Negative

* Plasma: human plasma negative for HCV RNA.

** IU/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



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



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.

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1. Analysis of your laboratory's Qualitative EQA data

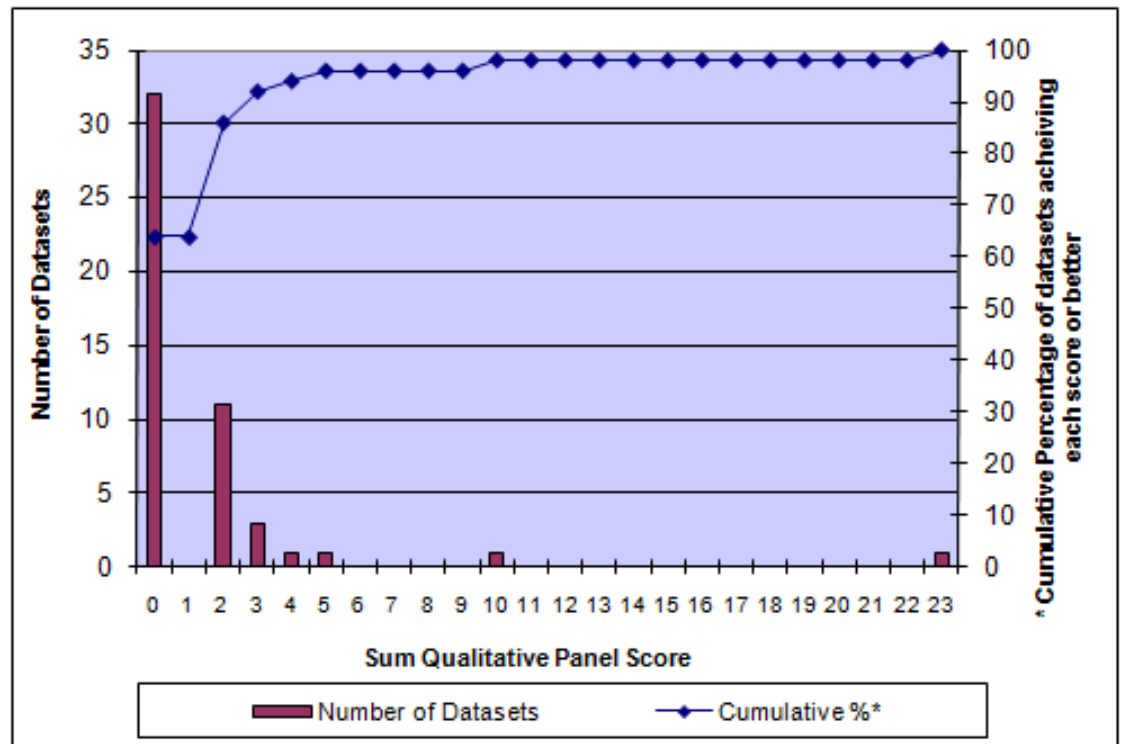
Dataset code : 1

Date Submitted : 19 NOV 09

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

Sample	Sample Content	Qualitative		
		Sample Status	Your qualitative result	Your qualitative score
HCV09B-03	HCV Type 1a	Frequently detected	positive	0
HCV09B-08	HCV Type 1a	Frequently detected	positive	0
HCV09B-05	HCV Type 1a	Frequently detected	positive	0
HCV09B-02	HCV Type 1a	Frequently detected	positive	0
HCV09B-09	HCV Type 1a	Detected	positive	0
HCV09B-07	HCV Type 5a	Detected	positive	0
HCV09B-04	HCV Type 5a	Detected	positive	0
HCV09B-06	HCV Type 5a	Detected	positive	0
HCV09B-01	HCV negative plasma	Negative	negative	0
Sum Qualitative Panel Score				0

Figure 1: Sum Qualitative Panel Scores for all participants



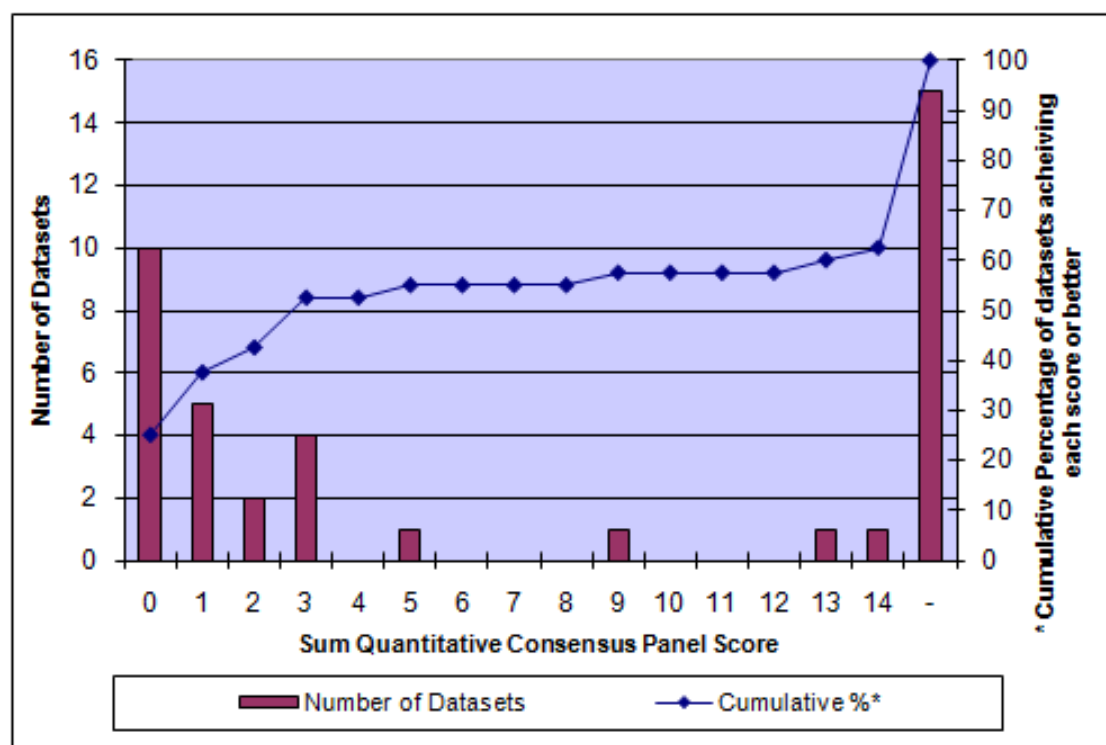
The number of Qualitative datasets analysed : 50
 The sum of the Qualitative Panel Score for your dataset is : 0
 This maximum score was achieved by : 64.0 % of all datasets

2. Analysis of your laboratory's Quantitative EQA data

Table 3: Your laboratory's quantitative results and performance scores

Sample	Sample Content	Quantitative		
		Your Result (log)	Your Consensus score	Your Technology score
HCV09B-03	HCV Type 1a	3.535	0	0
HCV09B-08	HCV Type 1a	2.626	0	0
HCV09B-05	HCV Type 1a	2.487	0	0
HCV09B-02	HCV Type 1a	2.684	0	0
HCV09B-09	HCV Type 1a	2.467	0	1
HCV09B-07	HCV Type 5a	2.520	0	0
HCV09B-04	HCV Type 5a	2.398	0	0
HCV09B-06	HCV Type 5a	2.588	1	1
Sum Quantitative Panel Score			1	2

Figure 2: Sum Quantitative Consensus Panel Scores for all participants



The number of Quantitative datasets analysed : 40
 The sum of the Quantitative Consensus Panel Score for your dataset is : 1
 This score (or better) was achieved by : 37.5 % of all datasets