



# QUALITY CONTROL for MOLECULAR DIAGNOSTICS

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Milan Bartos

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Czech Republic.

30 APR 2010

**Laboratory Code: CZ023**

Dear Milan Bartos,

## QCMD 2010 Chlamydia trachomatis DNA EQA Programme A - Individual Report

Thank you for participating in this QCMD EQA Programme. Please find below the expected results for the programme and your laboratory's performance.

The QCMD EQA panels contain a range of samples, designed to look at different aspects of assay performance. Panel members are designated core proficiency samples on the basis of scientific information, clinical relevance and clinical experience (published literature and professional clinical guidelines) and, where available and appropriate, established target performance limits taken from previous QCMD EQA distributions. Laboratories are expected to correctly analyse and report the core proficiency samples in order to show acceptable proficiency.

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

Sample	Sample Content *	Sample conc. **	Sample Status	Sample Type †
CTA10-02	Chlamydia trachomatis	5700	Frequently detected	Core
CTA10-05	Chlamydia trachomatis	280	Detected	Core
CTA10-01	Chlamydia trachomatis	280	Detected	Core
CTA10-04	Chlamydia trachomatis	57	Detected	
CTA10-03	C. trachomatis (Swedish Variant)	1:45 Diln	Frequently detected	Core
CTA10-06	Ct. negative urine		Negative	Core
CTA10-08	Chlamydia trachomatis	5700	Frequently detected	Core
CTA10-10	Chlamydia trachomatis	57	Detected	
CTA10-07	Chlamydia trachomatis	28	Detected	
CTA10-09	Ct. negative swab		Negative	Core

\* Urine: Chlamydia trachomatis-negative urine collected from healthy adult volunteers. Swab: 1/10 dilution of TE buffer.

\*\* Copies/vial.

† Core proficiency Samples.

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 2010: 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 : 09 FEB 10

## Analysis of your laboratory's performance on the core proficiency samples:

The core proficiency samples in this EQA programme were:

CTA10-02,CTA10-05,CTA10-01,CTA10-03,CTA10-06,CTA10-08,CTA10-09

You reported 7/7 (100.0 %) of the core samples correctly.

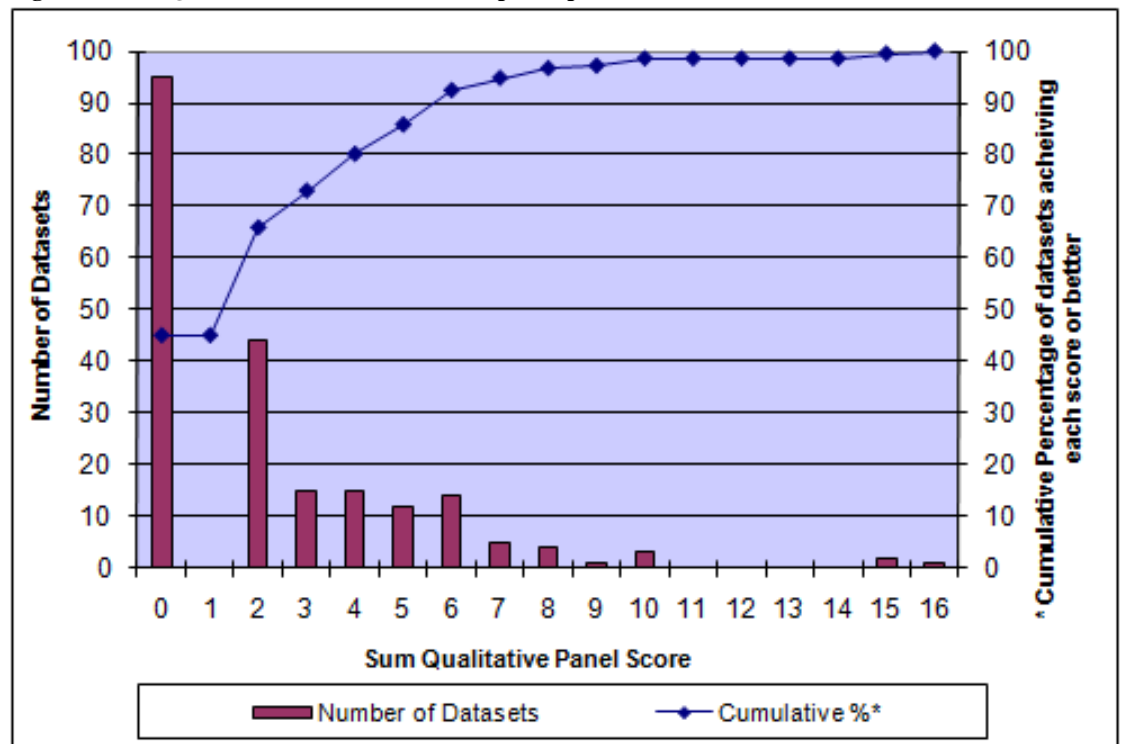
Of the total datasets reported by all participants in this EQA programme, 72.5 % reported correct results for all core proficiency samples.

## Analysis of your laboratory's performance on all proficiency samples:

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

Sample	Sample Content	Qualitative			
		Sample Status	Sample Type	Your qualitative result	Your qualitative score
CTA10-02	Chlamydia trachomatis	Frequently detected	Core	positive	0
CTA10-05	Chlamydia trachomatis	Detected	Core	positive	0
CTA10-01	Chlamydia trachomatis	Detected	Core	positive	0
CTA10-04	Chlamydia trachomatis	Detected		positive	0
CTA10-03	C. trachomatis (Swedish Variant)	Frequently detected	Core	positive	0
CTA10-06	Ct. negative urine	Negative	Core	negative	0
CTA10-08	Chlamydia trachomatis	Frequently detected	Core	positive	0
CTA10-10	Chlamydia trachomatis	Detected		positive	0
CTA10-07	Chlamydia trachomatis	Detected		positive	0
CTA10-09	Ct. negative swab	Negative	Core	negative	0
Sum Qualitative Panel Score					0

**Figure 1: Sum Qualitative Panel Scores for all participants**



The number of Qualitative datasets analysed : 211

The sum of the Qualitative Panel Score for your dataset is : 0

This maximum score was achieved by : 45.0 % of all datasets