



Verein für **Medizinischen Qualitätskontrolle**
Association for **Medical Quality Control**
Association **pour le contrôle de Qualité médical**
Associazione **per il controllo di qualità medico**

Comment to Survey 2013-4

General information

You can find all the important information, detailed reports and instructions at www.mqzh.ch.

H3 - differential blood count

Smear H3-A is from a healthy, pregnant employee.

Smear H3-B is from a patient with malaria (*Plasmodium vivax*). You can find the results and complete findings on our website.

K1 - GGT on the Spotchem D-Concept

Participants who measured GGT of more than 150U/l with the Spotchem D-Concept should contact customer Axonlab's service. The calibration factor must be changed on this device.

I1 - CRP

Several participants could not measure the CRP specimen at a concentration of 65 mg/l with ABX Micros instruments. In those cases, we recommend mixing one part sample and one part Minidil and multiplying the result by 2. The newer instruments (CRP200 and Microsemi) have a larger range of detection and can measure this sample without dilution.

K3 / K18 - HbA1c

From the survey specimens, the European Reference Laboratory for Glycohemoglobin measured a DCCT compliant HbA1c value of 10.79% for the sample A, and 8.14% for the sample B.

You can find the Certificate of Analysis with the DCCT and IFCC value on our website.

K8 - Cobas h232

We updated the lot numbers of troponin T, D-dimer and proBNP reagents. This data is used to improve the production of survey specimens. However, we will continue to identify a single target value for all lot numbers.

S1 - Blood in the stool

The sample contained juice from raw beef meat. There were no issues with the immunological rapid tests; they were all negative. The rapid tests with guaiac, however, were positive. For this reason patients should not eat meat before testing. We considered this for the target values.

U2 - Urine test strips

This sample contained urine mixed with protein and nitrite of healthy donors.

U3 - urine drug

To one liter of THC-positive urine were added 1250 µg methadone, 1000 µg EDDP, 1000 µg morphine, 1000 µg morphine 3-glucuronide, 1000 µg 6-acetylmorphine, 2.5 µg LSD. Accordingly, cannabinoids, methadone, opiate and LSD should be positive, all other analyses negative

B1 and B2 - Microbiology

We sent you the following samples:

B1 Strep A A simulated throat swab with the following pathogens:
Streptococcus pyogenes
The correct result was "positive"

B2 Uricult 100 ml of buffer solution and a sterile pellet
The sample was sterile! If something grew, it was a contaminant introduced during preparation of the test.
Our target value was "Uricult bioburden" $\leq 10^3$

B10 - Gram stain

The blood culture sample contained gram-positive cocci in chains (*Streptococcus dysgalactiae*).

The shipping of the next survey is

Tuesday February 25, 2014

Further survey dates are on

Tuesday June 03, 2014

Tuesday August 26, 2014

Tuesday November 04, 2014

Is your practice closed this week? Then send or fax us a quick note as soon as possible. We will send your samples 2 weeks later.

Wishing you Happy Holidays!



Best Regards

RTM

Dr. R. Fried
Survey Director