



Verein für **medizinische Qualitätskontrolle**
Association **pour le contrôle de Qualité médical**
Associazione **per il controllo di qualità medico**

Comment to Survey 2014-2

General information

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

K1 – eGFR

You can find a calculator that uses the currently recommended CKD-EPI formula for computation on www.mqzh.ch. Also, the reference range and the classification of the various stages of kidney disease are noted beneath the calculator.

H3 – Differential blood smear

Smear H3-A is from a patient with polycythemia vera. Due to regular phlebotomies, the blood picture shows marked iron deficiency.
Smear H3-B is derived from a patient with thalassemia minor.

So far, sample A has always been from a healthy employee. In future we will also use slightly abnormal blood pictures for sample A.

In addition to the cases you will also find histograms of our hematology instruments at www.mqzh.ch in report H3.

G11 – CoaguChek XS

We observed an unusually large scatter. About 5% of the participants were outside the tolerance range. We assume that there is a problem with the proficiency testing survey samples and are currently in the process of identifying the cause in collaboration with Roche Diagnostics.

We recommend that only those participants verify the method who measured INR values smaller than 2.8 or greater than 4.0.

K3 / K18 - HbA1c

From the survey specimens, the European Reference Laboratory for Glycohemoglobin measured a DCCT compliant HbA1c value of 8.06 % for the sample A, and 5.42 % for the sample B.

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

S1 – Fecal occult blood

Our simulated stool sample did not contain blood; the result of all tests should be "negative."

U2 - Urineststrips

This specimen contained urine from healthy donors that was spiked with HCG.

U3 - Urin Drugs

To one liter of urine, 3.5 µg LSD, 200 µg PCP, 2000 µg Paracetamol were added. Accordingly LSD, Phencyclidin and Paracetamol should be positive, all other analyzes negative. Paracetamol was negative in the triage-Tox-system, since the concentration was below the detection limit.

B1 und 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 rods (*Propionibacterium acnes*).

The shipping of the next survey is

Tuesday August 26, 2014

Further survey dates are on

Tuesday 4. November 2014

Tuesday 3. March 2015

Tuesday 9. June 2015

Tuesday 1. September 2015

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..

Best Regards



Dr. R. Fried