



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

Comment to Survey 2015-4

General information

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

Important: Mandatory survey sample 2016

As of 2016, survey samples are mandatory for all urine test strips and pregnancy tests. We have added your enrollment status for the year 2016 on the last page of your evaluation. Please check the completeness of the ZSR - and EAN numbers, as well as the orders registered for next year.

K1 - eGFR

At www.mqzh.ch you will find a calculator that uses the currently recommended CKD-EPI formula. The target values we determined for the eGFR-values can be found in the new survey sample report at www.mqzh.ch.

K13 - Creatinine Spot Chem / D- Concept

As of 2016, we will no longer be sending a special specimen for creatinine determination. Creatinine will therefore be measured in the specimen K1 in spot-Chem as well as D- Concept.

H3 – Differential blood smear

Smear H3-A is from a patient with a hamangiom on the liver. Smear H3-B is from a patient with severe immunthrombocytopenia (ITP). Additionally for these cases, you can find the histograms of our hematology machines in Report H3 at www.mqzh.ch.

K3 / K18 - HbA1c

From the survey specimens, the European Reference Laboratory for Glycohemoglobin measured a DCCT compliant HbA1c value of 5.53 % for the sample A, and 5.06 % for the sample B. You can find the Certificate of Analysis with the DCCT and IFCC value on our website.

Cardiac markers

The Swiss Cardiology Society and the Swiss Clinical Chemistry Society recommend that the troponins should only be reported using the unit «ng/L». Please also note related information at www.sulm.ch, in Pipette 2015, No.4, Page 18. Accordingly, we have converted all method groups to this unit.

K26 troponin I triage

There are currently two different troponin I tests commercially available:

- Troponin I SOB and Cardiac cassettes
- Next Generation Troponin I in the Troponin I, Cardio2 and Cardio3 cassettes

Because of the great differences between these tests they are evaluated separately. It is therefore important that you always specify the type of cartridge and the lot number used.

S1 – Fecal occult blood

Our simulated stool specimen contains no human blood; all tests should give «negativ».

U2 - Urinestrips

This specimen contained urine from healthy donors that was spiked with nitrite and blood.

U3 - Urin Drugs

To one liter of urine were added 1000 µg Nordazepam, 100 µg Phencyclidine, 125 µg 11-Nor-Δ9-THC-Carbonsäure, 125 µg Δ9-THC and 8000 µg Paracetamol. Correspondingly, the analyses for benzodiazepine, phencyclidine, cannabis and paracetamol should be positive and all others negative.

B1 und B2 - Microbiology

We sent you the following samples:

B1 Strep A A simulated throat swab with the following pathogens:
Streptococcus salivarius
The correct result was «negativ»

B2 Uricult 100 ml of buffer solution and a pellet with *Staphylococcus epidermidis* at a concentration of 10³/ml
We expected results between 0 and 10⁴ CFU

B10 – Gram - stain

The preparation contains Gram-positive cocci in clusters from a wound secretion

B10 – New survey sample specimens 2016

H6 5-part differential blood

H7 Reticulocyte automated

These two new survey samples for large machines in hematology are performed using anticoagulated whole blood. These controls can be measured like a patient specimen. Twenty participants have already successfully participated in the survey sample 2015-3 and 2015-4.

Additional new survey sample specimens can be found on our homepage.

Ringversuchsdaten

The shipping of the next survey is: 8. Mars 2016

Further survey dates are on 7. June, 30. August and 1. November 2016.

Is your laboratory 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

QUALAB obligatory inter-laboratory tests 2016

The list of obligatory inter-laboratory tests for 2016 can be found at www.qualab.ch.

IMPORTANT: New for 2016, urine test strips and pregnancy test are obligatory!

Our U2 test contains 5ml urine, and can be used for all test strips (Siemens, KDK and Roche) as well as for all qualitative pregnancy tests.

Yes, we wish to survey U2 (Sfr. 40.- per year)

We use the following tests:

Participant number:

Date / Signature:

You can fax this form to us on: 044 261 12 83