

**Part F**  
September 2009

# External Quality Assessment Services 2010—2011

- Point-of-care tests



# Point-of-care tests

These surveys are suited to monitoring the point-of-care tests within a hospital or other institution. The services can be ordered using the order form or via the Internet.

Point-of-care tests are also called bedside tests, doctor's office tests, on-site tests and out-of-laboratory tests.

CLINICAL CHEMISTRY			
<b>2610</b>	<b>e-scheme Acid-base status and electrolytes</b>	<b>3300</b>	<b>Drug abuse screening in urine</b>
Deliveries	4 times/year	<b>3310</b>	<b>Additional volume (2 x 5 ml)</b>
Specimens	3 buffered artificial specimens à 2.5 mL. Please order separate set for each analyser.	Deliveries	3 times/year
Examinations	Chloride, glucose, ionized calcium, ionized magnesium, lactate, pCO <sub>2</sub> , pH, pO <sub>2</sub> , potassium, sodium. A participant sends the results via Labquality's website. The report releasing date will be announced on the data input site.	Specimens	2 authentic samples à 5 mL. Additional volume à 2 x 5 mL on request.
<b>2100</b>	<b>Basic chemistry, POC-analysers Only for dry chemistry analysers</b>	<b>2750</b>	<b>Faecal blood</b>
Deliveries	4 times/year	Deliveries	4 times/year
Specimens	2 human sera à 1 mL	Specimens	2 preparations à 0.5 mL that include human haemoglobin
Examinations	Alanine aminotransferase, albumin, alkaline phosphatase, amylase (total and pancreatic), aspartate aminotransferase, calcium, chloride, HDL cholesterol, cholesterol, creatine kinase, creatinine, gamma glutamyl-transferase, glucose, lactate dehydrogenase, magnesium, phosphorus, potassium, sodium, total protein, triglycerides, urea and uric acid.	Examination	Detection of haemoglobin
<b>2132</b>	<b>C-reactive protein (CRP), quantitative methods Also suitable for Nycocard Reader and QuikRead</b>	<b>2570</b>	<b>Glucose meters 1</b>
Deliveries	4 times/year	<b>2580</b>	<b>Glucose meters 2: <i>HemoCue</i></b>
Specimens	2 human sera à 1 mL	Deliveries	3 times/year
Examination	CRP	Specimens	1 whole blood or serum
<b>2131</b>	<b>C-reactive protein (CRP), semi-quantitative methods, visual reading</b>	Examination	Glucose
Deliveries	4 times/year	Further details	The price includes result processing for five glucose meters. If more are needed, please order extra samples.
Specimens	2 human sera à 1 mL	<b>1261</b>	<b>Glycated haemoglobin A1c Not suitable for Nycocard Reader</b>
Examination	CRP, semi-quantitative methods	Deliveries	5 times/year
<b>2114</b>	<b>Haemoglobin, 1-level POC-analysers</b>	Specimens	2 lyophilized blood samples à 0.5 mL
Deliveries	4 times/year	Examination	HbA1c
Specimens	1 specimen à 1 mL	<b>2112</b>	<b>Haemoglobin, 3-level samples, POC-analysers</b>
Examination	Haemoglobin	Delivery	1 time/year
<b>2112</b>	<b>Haemoglobin, 3-level samples, POC-analysers</b>	Specimens	3 specimens à 1 mL (low, medium and high concentration)
Delivery	1 time/year	Examination	Haemoglobin linearity with three specimens. Results for three instruments are included in the price for POC analysers
Specimens	3 specimens à 1 mL (low, medium and high concentration)		
Examination	Haemoglobin linearity with three specimens. Results for three instruments are included in the price for POC analysers		



**2113**      **Haemoglobin, 3-level samples, Cell counters and analysers**

Delivery	1 time/year
Specimens	3 specimens à 1 mL (low, medium and high concentration)
Examination	Haemoglobin linearity with three specimens. Reference values will be given in a summary report. Price includes result processing for one device.

**2690**      **Natriuretic peptides 1, B-type, NT-ProBNP**  
Also suitable for Cardiac Reader/h232

Deliveries	4 times/year
Specimens	2 lyophilized or liquid specimens à 1—2 mL
Examinations	NT-ProBNP

**2691**      **Natriuretic peptides 2, B-type, BNP**

Deliveries	4 times/year
Specimens	2 lyophilized or liquid specimens à 1—2 mL
Examinations	BNP

**3270**      **Pregnancy test**

Deliveries	4 times/year
Specimens	2 authentic urine samples à 1 mL
Examinations	Qualitative hCG

**2530**      **Troponin I and troponin T, detection (qualitative test)**

Deliveries	5 times/year
Specimens	2 fresh human specimens à 0.5 mL
Examinations	Detection of Troponin I and Troponin T. Quantitative results are accepted only if measured using POC chemistry.

**3100**      **Urine, strip tests A**

Deliveries	4 times/year
Specimens	1 lyophilized urine à 15 mL
Examinations	Glucose, ketones, leukocytes, nitrite, pH, protein, blood

**MICROBIOLOGY**

**5640**      **EBV mononucleosis (heterophile antibodies)**

Deliveries	4 times/year
Specimens	3 liquid human sera or plasma à 0.5 mL
Examinations	Each serum or plasma specimen originates from one human donor. EBV Mononucleosis heterophile antibodies.

**5596 \***      ***Helicobacter pylori*, antigen detection in faeces**

\* Delivery only via local distributor

Deliveries	4 times/year
Specimens	3 lyophilized faecal specimens
Examinations	Antigen detection

**5671**      **Influenza virus A+B, antigen detection**

Deliveries	2 times/year
Specimens	3 nasopharyngeal aspiration specimens
Examinations	InfAAg, InfABAg, InfBAg, InfA NAT, InfB NAT.

**5560**      **Puumala virus, antibodies (Nephropathia epidemica)**

Deliveries	4 times/year
Specimens	3 liquid human sera à $\geq 0.3$ mL; brief case histories will be given
Examinations	Puumala virus POC test.

**5672**      **RS virus, antigen detection**

Deliveries	2 times/year
Specimens	3 nasopharyngeal aspiration specimens
Examinations	RSV NAT, RSVAg

**5595**      **Streptococcus (group A), antigen detection**

Deliveries	4 times/year
Specimens	3 simulated pharyngeal specimens
Examinations	Antigen detection

**Pictures by**

Labquality: A2, A8, A9, B3, B4, B7, C3, C5, C6, C12, C14, D3, D10 and E3, Markku Koskela: D4, Taru Meri: D7, Olli Salo: front covers (A-F), A7, B5 and C4, ScandinavianStockPhoto: A3, A5, B2, C2, D2, D4 and E2.

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