Quality Assessment Services - EQA & IQA

Haematology Portfolio
Labquality is a recognized provider of professional external quality assessment (EQA) services and quality controls for internal quality assurance (IQA). Altogether more than 150 schemes are available for various fields of laboratory medicine and about 40 for haematology. With its comprehensive and growing portfolio, Labquality provides a one-stop shop for laboratory quality assurance.

Labquality’s annual program for haematology in 2014. New schemes are highlighted in light blue.

### Blood transfusion serological tests

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>4420</td>
<td>ABO and Rh grouping</td>
<td></td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4440</td>
<td>Antibody screening and compatibility testing</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4460</td>
<td>Antiglobulin test, direct</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Cell count and morphology

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>4100</td>
<td>Basic blood count, one specimen</td>
<td></td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4110</td>
<td>Basic blood count, two specimens</td>
<td></td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2730</td>
<td>Erythrocyte sedimentation rate</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2731</td>
<td>Erythrocyte sedimentation rate: Alifax, Greiner Tubes</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2732</td>
<td>Erythrocyte sedimentation rate: Alifax, Sarstedt Tubes</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4180</td>
<td>Leukocyte differential count and evaluation of blood cell morphology</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5460</td>
<td>Parasites in blood, Giemsa stain</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5461</td>
<td>Parasites in blood, May-Grünwald-Giemsa stain</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5470</td>
<td>Parasites in blood, Giemsa stain, virtual microscopy</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5471</td>
<td>Parasites in blood, May-Grünwald-Giemsa stain, virtual microscopy</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Leukocyte differential count 3-part, automated

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>4200</td>
<td>ABX, Advia, Cell-Dyn, Coulter, Nihon Kohden Celltac MEK, Mindray</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4201</td>
<td>Sysmex</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Leukocyte differential count 5-part, automated

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>4234</td>
<td>ABX Pentra</td>
<td></td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4231</td>
<td>Cell-Dyn</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4232</td>
<td>Coulter</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4235</td>
<td>Coulter ACT5-diff</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4236</td>
<td>Mindray</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4237</td>
<td>Nihon Kohden Celltac MEK</td>
<td>x</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4230</td>
<td>Siemens Advia</td>
<td></td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4233</td>
<td>Sysmex XE, XS, XT, XN</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Post-analytical automated haematology [NOKLUS]

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>8701</td>
<td>Post-analytical automated haematology [NOKLUS]</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>one time</td>
</tr>
</tbody>
</table>

### Reticulocyte count, manual methods

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>4140</td>
<td>Reticulocyte count, manual methods</td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Reticulocyte count, automated

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>4154</td>
<td>ABX Pentra</td>
<td></td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4157</td>
<td>Cell-Dyn 4000, Saphire</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4155</td>
<td>Cell-Dyn 3200, 3500, 3700, Ruby</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4152</td>
<td>Coulter Gens, LH750</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4150</td>
<td>Siemens Advia</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4153</td>
<td>Sysmex</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Leucocyte differential count: HemoCue (Pilot survey)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>4190</td>
<td>Leucocyte differential count: HemoCue</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### White blood cell count: HemoCue

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>4130</td>
<td>Leucocyte differential count: HemoCue</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Coagulation

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
</tr>
</thead>
<tbody>
<tr>
<td>4330</td>
<td>Activated partial thromboplastin and fibrinogen</td>
<td>x</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4388</td>
<td>D-dimer</td>
<td>x</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4392</td>
<td>Dabigatran</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4335</td>
<td>INR for POCt</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4387</td>
<td>LMW-heparin/antiFXa</td>
<td></td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4300</td>
<td>Prothrombin time (Tromboplastin time)</td>
<td></td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4391</td>
<td>Rivaroxaban</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x</td>
</tr>
<tr>
<td>4386</td>
<td>Special coagulation (Antithrombin, Factor VIII, Protein C, Protein S)</td>
<td>x</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>x</td>
</tr>
</tbody>
</table>
40 Schemes for Haematology

- Blood transfusion serological tests
- Cell count and morphology
- Coagulation
- Erythrocyte sedimentation rate for Alifax

New Anticoagulant Schemes

- Dabigatran
- Rivaroxaban

Schemes for POCT

- INR for POCT (New)
- Leucocyte differential count (Pilot)
- White blood cell count

Why Labquality EQAS?

- Schemes to all fields of laboratory medicine
- Independency
- High quality specimens
- Flexibility in participation
## Blood Transfusion Serological Tests

### 4420 ABO and Rh grouping
Specimens: 2 cases  
Examinations: Reaction strengths and interpretation  
Reports: Expert report, laboratory specific tables, numeric summary

### 4460 Antibody screening and compatibility testing
Specimens: 2 cases  
Examinations: Reaction strengths and interpretation  
Reports: Expert report, laboratory specific tables, numeric summary

### 4440 Antiglobulin test, direct
Specimens: 2 cases  
Examinations: Reaction strengths and interpretation  
Reports: Expert report, laboratory specific tables, numeric summary

## Cell Count and Cell Morphology

### 4100 Basic blood count, one specimen
Specimens: 1 blood cell suspension  
Examinations: Hb, HCT, MCH, MCHC, MCV, PLT, RBC, RDW  
Reports: Laboratory specific histograms, numeric summary, expert report (if needed)  
Notes: Results from two analyzers can be reported, Results are entered via Labquality’s website

### 4110 Basic blood count, two specimens
Specimens: 2 blood cell suspensions  
Examinations: Hb, HCT, MCH, MCHC, MCV, PLT, RBC, RDW  
Reports: Laboratory specific histograms, numeric summary, expert report (if needed)  
Notes: Results are entered via Labquality’s website

### 4180 Leucocyte differential count and evaluation of blood cell morphology
Specimens: 2-3 stained (MGG) or unstained blood smears  
Examinations: Leucocyte differential count and evaluation of red blood cells  
Reports: Laboratory specific summaries, expert comments  
Notes: The diagnoses will be published 5 days after the closing date on Labquality’s website. The final report also includes pictures of the expected findings.

### 5470 Parasites in blood, virtual microscopy
Specimens: Virtual whole slide images of Giemsa stained smears prepared by using a scanner microscope  
Examinations: Screening and identification of malaria plasmodia and other blood parasites  
Reports: Expert comments, laboratory specific summaries  
Notes: Virtual microscopy scheme. Please check the system requirements on Labquality’s Internet pages.

### 5471 Parasites in blood, MGG stain, virtual microscopy
Specimens: Virtual whole slide images of MGG stained smears prepared by using a scanner microscope  
Examinations: Screening and identification of malaria plasmodia and other blood parasites  
Reports: Expert comments, laboratory specific summaries  
Notes: Virtual microscopy scheme. Please check the system requirements on Labquality’s Internet pages.
5460 Parasites in blood
Specimens: 2 Giemsa stained smears. Brief case histories are provided. Authentic specimens.
Examinations: Screening and identification of malaria plasmodia and other blood parasites.
Reports: Expert comments, laboratory specific summaries, score report.

5461 Parasites in blood, May-Grünwald-Giemsa stain
Specimens: 2 MGG stained smears. Brief case histories will be given. Authentic specimens.
Examinations: Screening and identification of malaria plasmodia and other blood parasites.
Reports: Expert comments, laboratory specific summaries, score report.

5430 Plasmodium falciparum, antigen detection
Specimens: 3 whole blood specimens.
Examinations: Antigen detection.
Reports: Expert comments, laboratory specific summaries, score report.
Notes: Suits also POCT units.

4200-4201 Leucocyte differential count, 3-part, automated
Specimens: 1 blood cell suspension, 2-4 mL.
Examinations: Absolute numbers of leucocytes, lymphocytes, mononuclear cells and granulocytes.
Reports: Expert report, laboratory specific histograms, numeric summary.

Analyzer specific product codes
4200 ABX, Advia, Cell-Dyn, Coulter, Nihon Kohden Celltac MEK
4201 Sysmex

4230-4237 Leucocyte differential count, 5-part, automated
Specimens: 1 blood cell suspension, 2-4 mL.
Examinations: Leucocytes, basophils, eosinophils, granulocytes, lymphocytes and monocytes.
Reports: Expert report, laboratory specific histograms, numeric summary.

Analyzer specific product codes
4234 ABX Pentra
4231 Cell-Dyn
4232 Coulter
4235 Coulter ACT5-diff
4236 Mindray
4237 Nihon Kohden Celltac MEK
4230 Siemens Advia
4233 Sysmex XE, XS, XT, XN

4140 Reticulocyte count, manual methods
Specimens: 1 stabilized red blood cell suspension, 2 mL.
Examinations: Reticulocyte count.
Reports: Expert report, laboratory specific histograms, numeric summary.

4150-4155 Reticulocyte count, automated
Specimens: 2 stabilized red blood cell suspensions, 2-4mL ea.
Examinations: Reticulocyte count.
Reports: Expert report, laboratory specific histograms, numeric summary.

Analyzer specific product codes
4154 ABX Pentra
4151 Cell-Dyn 4000, Saphire
4155 Cell-Dyn 3200, 3500, 3700, Ruby
4152 Coulter Gens, LH750
4150 Siemens Advia
4153 Sysmex

4130 White blood cell count, POCT
Specimens: 1 blood cell suspension, 2 mL.
Examinations: Leucocytes.
Reports: Expert report, laboratory specific histograms, numeric summary.
Notes: Scheme is intended for HemoCue WBC System.

4190 White blood cell differential count, POCT (Pilot)
Specimens: 1 blood cell suspension, 2 mL.
Examinations: Leucocytes, neutrophiles, lymphocytes, monocytes, basophils, eosinophils.
Reports: The scheme is intended for HemoCue WBC Diff Analyzer (5-part).
Coagulation

4330 Activated partial thromboplastin time and fibrinogen
Specimens: 2 lyophilized plasmas, 0.5-1 mL each
Examinations: Coagulation time in seconds, fibrinogen
Reports: Expert report, laboratory specific histograms, numeric summary
Notes: Results are entered via Labquality’s website

4388 D-dimer
Specimens: 2 pooled plasma specimens, 0.5-1 mL each
Examinations: D-Dimer
Reports: Expert report, laboratory specific histograms, numeric summary
Notes: Results are entered via Labquality’s website

4387 LMW-Heparin/antiFXa
Specimens: 2 lyophilized plasmas, 0.5-1 mL each
Examinations: LMW-heparin/antiFXA
Reports: Expert report, laboratory specific histograms, numeric summary
Notes: Results are entered via Labquality’s website

4300 Prothrombin time
Specimens: 2 lyophilized plasmas, 0.5–1 mL each
Examinations: Prothrombin time, PT%
Reports: Expert report, laboratory specific histograms, numeric summary
Notes: Results are entered via Labquality’s website

4386 Special coagulation
Specimens: 2 lyophilized plasmas, 0.5–1 mL each
Examinations: Antithrombin, Factor VIII, Protein C, Protein S
Reports: Expert report, laboratory specific histograms, numeric summary
Notes: Results are entered via Labquality’s website

4392 Dabigatran
Specimens: 2 lyophilized plasmas
Examinations: Dabigatran concentration
Reports: Expert comments, laboratory specific histograms, numerical summary of all results

4391 Rivaroxaban
Specimens: 2 lyophilized plasmas
Examinations: Rivaroxaban concentration
Reports: Expert comments, laboratory specific histograms, numerical summary of all results

4335 POCT INR
Specimens: 1 lyophilized or liquid plasma
Examinations: Prothrombin Time in INR unit
Reports: Expert comments, laboratory specific histograms, numerical summary of all results

Virtual Microscopy

Virtual microscopy involves imaging representative microscope specimens which participants view on their computer screen. Viewing of several fields of vision and levels of focus are enabled to simulate analysis with an optical microscope. Thanks to technical advantages, viewing is now enabled even with a cellular phone.

Virtual microscopy provides a powerful tool for disciplines traditionally limited by the homogeneity and size of the specimen. At present, Labquality offers four virtual microscopy based EQA schemes, among them Giemsa and MGG stains for Parasites in blood.

Original view on samples used in the Parasites in blood virtual microscopy scheme. Top: Three amoeboid P. vivax infected red cells with red chromatin and blue cytoplasm. Bottom: Close-up view into infected cells.
With EQA, laboratories can assess their analytical performance in comparison to other laboratories using the same method and instrument. Owing to the versatility of the schemes, the statistical analyses performed are scheme dependent and the reports may thus differ. In general, Labquality’s reports include laboratory specific summaries, statistics and expert comments.
Labquality offers a range of third party quality controls and calibrators for *in-vitro* diagnostic use. While being manufactured independently of all test systems, third party controls enable unbiased evaluation of the analytical performance.

### Labquality’s Own QC Products for Haematology

#### B-Trol Plus Basic Blood Count Controls
- B10000170 B-Trol Plus I Basic Blood Count, Normal 3 mL
- B10000172 B-Trol Plus II Basic Blood Count, Abnormal 3 mL

#### B-Trol 3-Part WBC Controls (3 levels available)
- Blxxxxxx B-Trol 3-Part WBC Controls for Sysmex
- Blxxxxxx B-Trol 3-Part WBC Controls for ABX, Advia, Cell-Dyn, Coulter, Nihon Kohden & Mindray analyzers

#### B-Trol 5-Part WBC Controls
- BI0000190 B-Trol 5-Part WBC Differential for Advia, Level 1 3.5 mL
- BI0000191 B-Trol 5-Part WBC Differential for Advia, Level 2 3.5 mL
- BI0000192 B-Trol 5-Part WBC Differential for Advia, Level 3 3.5 mL
  *Note: Controls also available for ABX Pentra, Cell-Dyn, Coulter Sysmex analyzers*

#### B-Trol Reticulocyte Controls
- BI0000193 B-Trol Reticulocyte Control for Advia, Level 1 4 mL
- BI0000194 B-Trol Reticulocyte Control for Advia, Level 2 4 mL
- BI0000195 B-Trol Reticulocyte Control for Advia, Level 3 4 mL
  *Note: Controls also available for ABX Pentra, Cell-Dyn, Coulter and Sysmex analyzers*

#### Erythrocyte Sedimentation Rate Controls
- BI0000421 Erythrocyte Sedimentation Rate Control, Normal (tube) 4.5 mL
- BI0000423 Erythrocyte Sedimentation Rate Control, Abnormal (tube) 4.5 mL

#### WBC Controls for HemoCue
- BI0001361 WBC Control for HemoCue, Level 1 2 mL
- BI0001362 WBC Control for HemoCue, Level 2 2 mL
- BI0001363 WBC Control for HemoCue, Level 3 2 mL

### Technoclone’s QC Products for Haematology

#### Technoclone Coagulation controls
- BI0000152 Coagulation Reference TC 1 mL
- BI0000153 Coagulation Control AK 5 x 1 mL
- BI0000155 Coagulation Control A 1 mL
- BI0000160 Coagulation Control N 1 mL

#### Technoview Rivaroxaban Calibration Plasma
- BITC5090170 Technoview Rivaroxaban Calibrator Set 5 x 1 mL
- BITC5090171 Technoview Rivaroxaban Calibrator High Set 5 x 1 mL

#### Technoview Rivaroxaban Control Plasma
- BITC5090172 Technoview Rivaroxaban Control, Low 5 x 1 mL
- BITC5090173 Technoview Rivaroxaban Control, Medium 5 x 1 mL
- BITC5090174 Technoview Rivaroxaban Control, High 5 x 1 mL

#### TECHNOZYM® ELISAs
- BITC5450301 TECHNOZYM® vWF:CBA ELISA 96 T
- BITC5450701 TECHNOZYM® ADAMTS-13 Activity ELISA 96 T

Labquality is a distributor of Technoclone

*Note! Availability of Technoclone’s QC products depends on region, contact Labquality or your distributor for details.*