NEW ESR SYSTEM GENERATION

TEST 1 is the only analyser capable to give ESR results in 20 seconds by measuring the kinetic of red cells aggregation. Alifax technology is recognized by CLSI guidelines as an alternative method for ESR and included in the most prestigious External Quality Assurance and Proficiency Testing programs.

TEST 1 CAPILLARY PHOTOMETRY TECHNOLOGY overcomes the variables and the limitations of the sedimentation method and used to the old document.

<table>
<thead>
<tr>
<th>SEDIMENTATION ESR</th>
<th>CAPILLARY PHOTOMETRY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature variance</td>
<td>Temperature control 37°C</td>
</tr>
<tr>
<td>Hematocrit influence</td>
<td>Independent from Hematocrit value</td>
</tr>
<tr>
<td>9.1. Reagent problems using Sodium Citrate</td>
<td>no external use of add-in reagent</td>
</tr>
<tr>
<td>Adequate materials and quantity variability</td>
<td>Use of the same capillary for all samples</td>
</tr>
<tr>
<td>Influence of other elements on the test results</td>
<td>No influence of other element on test results</td>
</tr>
<tr>
<td>Non standardized sample mixing</td>
<td>Automated mixing step</td>
</tr>
<tr>
<td>Controls and Calibration lock</td>
<td>Lactis Controls and Calibrators available</td>
</tr>
<tr>
<td>Poor reproducibility</td>
<td>High reproducibility</td>
</tr>
</tbody>
</table>

SCIENTIFIC PUBLICATIONS


Each sample is read 1000 times in 20 SECONDS

Especially for routine laboratory applications. The precision of the measurement is available for user and device during an easy-to-read graph that has been calibrated according to the applicable dimension. Each test needs to have been inserted with a device, which is already available.
**DEALIANT TEST 1-azzurro.indd**

**NEW DIRECT LOADING FROM THE ORIGINAL CELL BLOOD COUNTER RACK**

**Of The Erythrocyte Sedimentation Rate**

| Test 1 BCL | Code SI 195.210/THL | Up to 60 samples per session with ALIFAX green plastic racks. |
| Test 1 SDL | Code SI 195.203/THL | Results expressed in mm/h |
| Test 1 YDL | Code SI 195.203/THL | • New generation CPI |
| Test 1 MCL | Code SI 195.203/THL | • Only 800 μl sample required in the tube |
| Test 1 XDL | Code SI 195.203/THL | • Direct loading of CBC racks |

**COMPARATIVE CHART**

<table>
<thead>
<tr>
<th>TEST 1</th>
<th>ROLLER 20 PN</th>
<th>ROLLER 20 LC</th>
<th>ROLLER 10 PN</th>
<th>ROLLER 20 MC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Probes</td>
<td>tester up to 60</td>
<td>20</td>
<td>10</td>
<td>1-10</td>
</tr>
<tr>
<td>Sampling</td>
<td>Automatic or by loading of CBC cards</td>
<td>200 μl to 1000 μl</td>
<td>200 μl to 1000 μl</td>
<td>200 μl to 1000 μl</td>
</tr>
<tr>
<td>Throughput</td>
<td>Up to 200 samples per session with ALIFAX green plastic racks, Up to 200 samples per session with ALIFAX blue plastic racks, Up to 200 samples per session with ALIFAX yellow plastic racks</td>
<td>Manual</td>
<td>Manual</td>
<td>Manual</td>
</tr>
<tr>
<td>Weight</td>
<td>45 kg</td>
<td>45 kg</td>
<td>45 kg</td>
<td>45 kg</td>
</tr>
<tr>
<td>Test 1 BCL</td>
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<tr>
<td>Test 1 YDL</td>
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<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
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**LATEX CONTROLS**

**UNIVERSAL CARD**

**JO-PLUS**

**1000 tests code Si 195.907**

**4000 tests code Si 195.904**

**10000 tests code Si 195.910**

**20000 tests code Si 195.320**

Environmental icons denote year storage and transport methods. Only use when further sorted.

**CERTIFICATIONS**

**ISO 15189**

**MARKED**

**Simplified needle replacement**

**No influence of low hematocrit levels**

**Only 30 μl EDTA blood sample**

**No reagents required**

**SHELF LIFE: From production: 6 months. From the 1st piercing: 6 weeks. STORAGE CONDITIONS: From production: +4÷25°C. From 1st piercing: +4÷8°C**

**HIGH CERTAINTY**

**ACCURACY**

**PRECISION**

**REPEATABILITY**

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