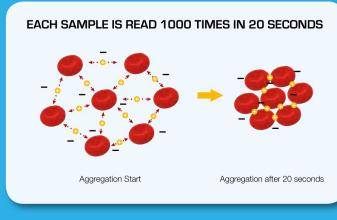




20° OF GENIUS

- Results highly correlated to the Westergren reference method
- In accordance with CLSI requirements*
- 1.000 readings for each sample per test
- Use of the same EDTA tube coming from the CBC
- 175 µl of blood
- Self-cleaning without contamination
- Self-checking of reading sensors and physical obstacles
- Data transmission to LIS
- Efficiency and precision
- Standardization and reproducibility
- Certainty of results



TEST 1 is the only analyzer capable to give ESR results in 20 seconds by measuring the kinetic of red cells aggregation.

TEST 1 CAPILLARY PHOTOMETRY TECHNOLOGY overcomes the variables and limitations of the sedimentation method also listed in the CLSI document*.

SEDIMENTATION ESR	CAPILLARY PHOTOMETRY
Temperature variability	Temperature control 37°C
Hematocrit influence	Independent from Hematocrit value
Dilution problems using Sodium Citrate	No dilution, use of EDTA tube
Inadequate materials and pipettes variability	Use of the same capillary for all samples
Vibrations and pipettes verticality	No influence of vibration or other external factors
Not standardized sample mixing	Automated mixing step
Controls and Calibrators lack	Latex Controls and Calibrators available
Poor reproducibility	High reproducibility

New ESR system generation

Rev. 22/03/2011



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ESR in 20 Seconds



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FULLY AUTOMATED ANALYZER FOR THE DETERMINATION OF THE ERYTHROCYTE SEDIMENTATION RATE

Test 1

Test 1



CE MARKED

Test 1 THL

Code SI 195.210/THL

Up to 80 samples per session with standard Test 1 racks. Cell Blood Counter racks adapters available.



CE

- Results in 20 seconds related to red cells aggregation
- First result available after 5 minutes from analysis start
- No reagents required
- Results expressed in mm/h
- High correlation with the Westergren method
- No influence of low hematocrit levels
- Use of the same CBC tubes
- 175 µl EDTA blood sample per test
- Only 800 µl sample requested in the tube
- Capacity up to 60 samples
- Throughput up to 180 samples/hour
- Latex Calibration & Controls
- Smart cards
- Thermostated at 37°C
- Mixing cycles in accordance with CLSI requirements*
- Internal bar code reader
- Connection to LIS
- Simplified needle replacement
- Thermal printer
- Complete integration in the hematology laboratory

NEW DIRECT LOADING FROM THE ORIGINAL CELL BLOOD COUNTER RACK



Test 1 BCL

Test 1 SDL

Test 1 YDL

Test 1 MDL

Test 1 XDL

Code SI 195.220/BCL

Code SI 195.230/SDL

Code SI 195.240/YDL

Code SI 195.250/MDL

Code SI 195.260/XDL

Up to 60 samples per session with ALIFAX green plastic racks. Up to 48 samples per session with Beckman Coulter CBC racks.

Up to 40 samples per session with ALIFAX yellow blue plastic racks. Up to 40 samples per session with Sysemex CBC racks.

Up to 40 samples per session with ALIFAX blue plastic racks. Up to 40 samples per session with Siemens CBC racks.

Up to 40 samples per session with Beckman Coulter CBC racks.

Up to 40 samples per session with Beckman Coulter CBC racks.

Test 1 - THL-BCL-SDL-YDL-MDL-XDL

Technical Features Power supply: 110-230 VAC, 50/60 Hz Power consumption: 150 VA max. Operative temperature: from +10 to +30 °C Size: 510x590x900 mm Weight: 45 Kg In/out specifications: two RS232 serial ports Bar code reader: internal

FULLY AUTOMATED ANALYZER FOR THE DETERMINATION OF THE ESR WITH EXTERNAL NEEDLE FOR PEDIATRIC SAMPLES AND UNCAPPED TUBES

Roller 10PN Roller 20PN



CE MARKED

- Results in 20 seconds related to red cells aggregation
- First result available after 5 minutes from analysis start
- No reagents required
- Results expressed in mm/h
- High correlation with the Westergren method
- No influence of low hematocrit levels
- Use of the same CBC tubes
- 100 µl EDTA blood sample with manual withdrawal and 175 µl with automated withdrawal per test
- Only 100 µl sample requested in the tube for manual withdrawal and 800 µl for automated withdrawal Only 800 µl sample requested in the tube
- Latex Calibration & Controls
- Smart cards
- Thermostated at 37°C
- Mixing cycles in accordance with CLSI requirements*
- LCD touch screen
- User-friendly software
- Connection to LIS
- Simplified needle replacement
- Thermal printer

Roller 10PN/20PN

Technical Features

Power supply: 115-230 VAC, 50/60 Hz Power consumption: 100VA Operative temperature: from +10 to +30 °C Size: 240x380x450 mm Weight: 14/16 Kg In/out specifications: two RS232 serial ports Optional accessories: external CCD bar code reader



Roller 10 PN
1 rotor for
10 samples



Roller 20 PN
2 rotors for 20 samples
and automatic washing system



Code SI 195.910, SI R20PN

LATEX CONTROLS

THREE LEVELS TO GUARANTEE:
Precision Accuracy Repeatability



Latex Control Kit 6 tests
Code SI 305.100-A (Greiner tubes),
SI 305.102-A (Sarstedt tubes)



Latex Control Kit 30 tests
Code SI 305.300-A (Greiner tubes),
SI 305.302-A (Sarstedt tubes)

Alifax ESR External Quality Programs successfully started in many Countries!

External Quality Evaluation Kit Specific for Test 1 family instruments

Code SI 305.500-A (Greiner tubes),
SI 305.502-A (Sarstedt tubes)

SHLF LIFE: From production: 6 months. From the 1° packaging: 6 weeks. STORAGE CONDITIONS: refrigerated temperature (+2-8°C)

NEW TWO PARAMETERS CARDS FOR TEST 1 FAMILY INSTRUMENTS

Smart CARDS



1000 tests



4000 tests



10000 tests



20000 tests



Environmentally friendly cards save storage and transport costs. Only pay for a test when needed.