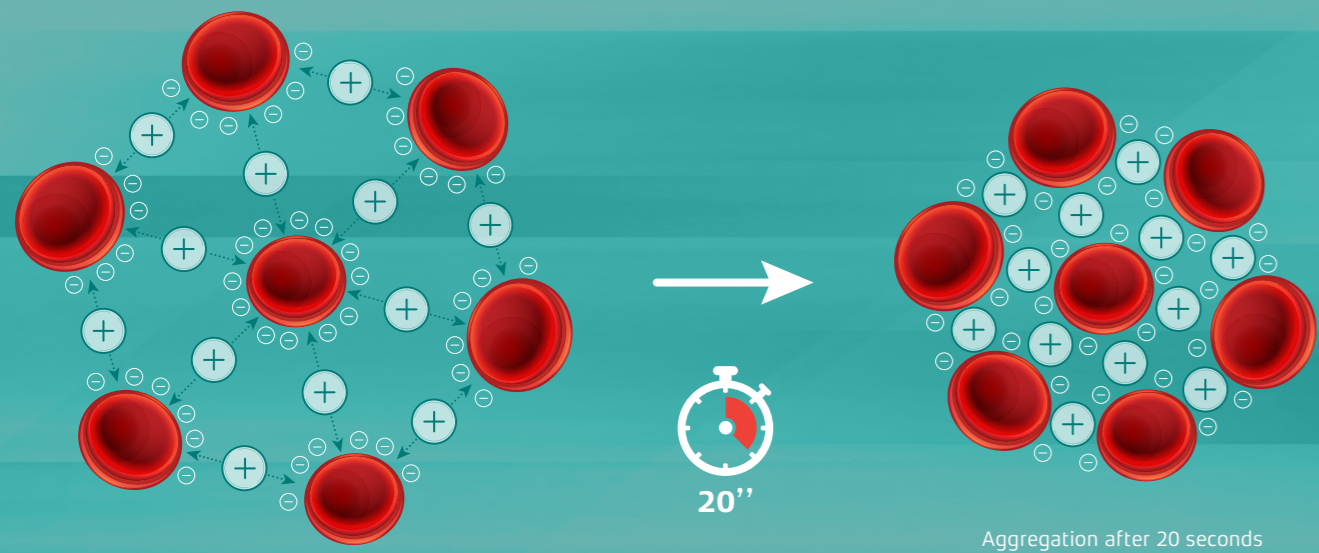


NEW ESR SYSTEM GENERATION

TEST 1 is the only analyzer 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.



EACH SAMPLE IS READ 1000 TIMES IN **20 SECONDS**

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

*Clinical Laboratory and Standard Institute (formerly NCCLS) Procedures for the Erythrocyte Sedimentation Rate Test; Approved Standard - Fifth Edition H02-A5, Vol.31 No.11 2011

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Due to regulatory requirements, the products listed herein are available for sale in any relevant Country territory provided that they have been registered according to the applicable domestic law. The products listed herein may have incurred changes with respect to the last available edition.



Believe in Innovation



ESR IN
20 SECONDS



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Rev EN01 - 2016

TEST 1

FULLY AUTOMATED ANALYZER FOR THE DETERMINATION OF THE ERYTHROCYTE SEDIMENTATION RATE



- 175 µl EDTA blood sample per test
- Only 800 µl sample requested in the tube
- Capacity up to 60 samples
- Direct loading of CBC racks
- Throughput up to 150 samples/hour
- Internal bar code reader
- Bidirectional connection to LIS
- Latex controls



DIRECT LOADING FROM ORIGINAL CELL BLOOD COUNTER RACK



Test 1 BCL
Code SI 195.220/BCL

Up to 60 samples per session with ALIFAX green plastic racks. Up to 48 samples per session with Beckman Coulter CBC racks Beckman Coulter Series LH 750.

Test 1 SDL
Code SI 195.230/SDL

Up to 40 samples per session with ALIFAX blue plastic racks. Up to 40 samples per session with Sysmex CBC racks Sysmex Series XE.

Test 1 YDL
Code SI 195.240/YDL

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

Test 1 MDL
Code SI 195.250/MDL

Up to 40 samples per session with Beckman Coulter CBC racks Beckman Coulter Series LH 500.

Test 1 XDL
Code SI 195.260/XDL

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

COMPARATIVE CHART

	TEST 1	ROLLER 20 PN	ROLLER 20 LC	ROLLER 10 PN	ROLLER 20 MC
Positions	Up to 60	20	18	10 – for mix	—
Sampling	Automatic 4 racks direct loading of CBC racks	Automatic and Manual	Automatic	Manual	Manual
Throughput	Up to 150/h	Up to 120/h	Up to 100/h	—	—
TTFR	5'	5'	5'	4'	4'
TTR	20"	30"	20"	18"	18"
Min Volume	800 µl	800 µl (auto) 100 µl (manual)	800 µl	100 µl	100 µl
Testing volume	175 µl	175 µl (auto) 100 µl (manual)	175 µl	30 µl	30 µl
Internal mixing	●	●	●	●	—
Thermostatisation 37°C	●	●	●	●	●

ROLLER SERIES

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



- Double circuit for automatic and manual sampling from uncapped tubes
- 100 µl EDTA blood sample manual withdrawal
- 175 µl EDTA blood sample automated withdrawal per test
- Only 100 µl sample requested in the tube for manual withdrawal
- LCD touch screen
- User-friendly software
- Automatic washing system
- Latex controls



- New generation CPS
- Only 30 µl EDTA blood sample
- Internal rotor with 10 positions for standardized mixing procedure
- LCD touch screen
- User-friendly software
- External barcode reader
- Latex controls



- New generation CPS
- Only 30 µl EDTA blood sample
- LCD touch screen
- User-friendly software
- External barcode reader
- Latex controls



- 175 µl EDTA blood sample per test
- Only 800 µl sample requested in the tube
- 18 samples
- Simplified needle replacement
- Thermal printer
- Automated washing
- Latex controls

	TEST 1	ROLLER 20 PN	ROLLER 20 LC	ROLLER 10 PN	ROLLER 20 MC
Internal washing	—	●	●	—	—
Barcode reader	●	(ext. optional)	(ext. optional)	(ext. optional)	(ext. optional)
Printer	●	●	●	●	●
LIS bidirectional connection	●	●	●	●	●
Dimensions (cm)	51 x 56 x 60	24 x 38 x 45	32 x 56 x 58	24 x 38 x 45	24 x 38 x 45
Weight (Kg)	45	16	23,2	13,5	11
Daily maintenance	5'	5'	5'	5'	—
Maintenance	1 year or 30.000 tests	1 year or 30.000 tests	1 year or 30.000 tests	1 year or 30.000 tests	1 year or 30.000 tests
Operator time	1'	< 2'	< 2'	30' sample	30' sample

JO-PLUS

ON LINE ESR SYSTEM FOR TOTAL LABORATORY AUTOMATION



Jo-Plus is conceived for mega laboratories with high routine volumes equipped with Laboratory Automation System (LAS).

- Jo-Plus is based on the same Test 1 family technology
- 175 µl EDTA blood sample per test
- Results available in 30 seconds
- 120 samples processed in about 1 hour
- Latex Controls
- Compatible with Inpeco, Abbott and Siemens tracks



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)



External Quality Evaluation Kit

Specific for Test 1 family instruments
Code SI 305.500-A (Greiner tubes)
SI 305.502-A (Sarstedt tubes)



UNIVERSAL CARD

UNIVERSAL SMART CARDS FOR TEST 1 FAMILY INSTRUMENTS



1000 tests code SI 195.901
4000 tests code SI 195.904
10000 tests code SI 195.910
20000 tests code SI 195.920

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

CERTIFICATIONS



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