Several studies show a high correlation with the sedimentation method in heterogeneous subjects concerning advantages and limitations. Quality Assurance and Proficiency Testing. Alifax technology is classified by CLSI and new generation ESR is the only analyzer capable to give ESR results in 20 seconds. Latex Controls and Calibrators available. Use of the same capillary for all samples. 1000 TIMES IN 20 SECONDS.

**TEST1 CAPILLARY PHOTOMETRY TECHNOLOGY**

overcomes the majority of the variables and limitations of the sedimentation method also listed in the IC80 document. (1)

**Sedimentation ESR**

Temperature variability, Nonuniform Influence, Sedimentation rate, inadequate materials and pipette variability, Window and plate materials variability, Net unabsorbed sample mixing, Controls and Calibrators lack, Poor reproducibility.

**Capillary Photometry**

Temperature control ±1°C, Independent from hematocrit value, No dilution, use of SDTA tube, Use of the same capillary for all samples, No influence of dilution or other uncontrollable factors, Automated mixing step, Latex Controls and Calibrators available, High reproducibility.

**PUBLICATIONS**


ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124

ALIFA S.r.l. Sesto San Giovanni (MI), Via Pirelli 27, 20133 Milan, Italy. Ph. +39 02 54043123 Fax +39 02 54043124
**TEST1**


*TTFR* 20

800 µl sample requested in the tube. Up to 150/h. Automatic 4 racks.

*Throughput* 30' / sample. 1 year. 5' - for mix

**TEST2**


*TTFR* 20

800 µl sample requested in the tube. Up to 120/h. Automatic 20 racks.

*Throughput* 30' / sample. 1 year. 5'

**TEST3**


*TTFR* 10

800 µl sample requested in the tube. Up to 60/h. Automatic 18 racks.

*Throughput* 30' / sample. 1 year. 5'

**TEST4**


*TTFR* 10

800 µl sample requested in the tube. Up to 45/h. Automatic 23 racks.

*Throughput* 30' / sample. 1 year. 5'

**TEST5**

175 µl EDTA blood sample per test. Only 800 µl sample required in the tube. Internal rotor with 10 positions. Thermal printer. External barcode reader. Latex controls.

*TTFR* 10

800 µl sample requested in the tube. Up to 30/h. Automatic 16 racks.

*Throughput* 30' / sample. 1 year. 5'

**TEST6**


*TTFR* 10

800 µl sample requested in the tube. Up to 24/h. Automatic 13 racks.

*Throughput* 30' / sample. 1 year. 5'

**JO PLUS**

Jo Plus is based on the same Test1 family technology.

120 samples processed in about 1 hour

Jo Plus is conceived for mega laboratories with high throughput volumes engaged with Laboratory Automation System (LAS).

On line ESR system for total laboratory automation.

**Latex controls**

Three levels to guarantee: precision, accuracy, repeatability.

**LATEX CONTROLS 6 TESTS**

**LATEX CONTROLS 20 TESTS**

**External Quality Evaluation kit**

Specification for 6 letter ESR analyzers.

**EQE kit**

Alifax ESR External Quality Program successfully included in many Guidelines. For information write to info@dallas.com