

ECAT FOUNDATION

External quality Control for Assays and Tests

With a focus on Thrombosis and Haemostasis

REPORT



SURVEY 2024-L4
Lupus Anticoagulant
Labcode 1492

Date of Issue : 23-January-2025
Survey : 2024-L4
Report : Lupus Anticoagulant

Note:

In the Survey Manual 2024 detailed information is given regarding the ECAT external quality assessment programme, including the statistical evaluation and explanation of the report.

This Survey Manual 2024 should be considered as an integral part of this survey report.

Please notice the information regarding the homogeneity of samples used and the between-laboratory variation in the paragraph on the statistical evaluation of the Survey Manual.

General Information**IMPORTANT: No z-score analysis**

Because of the strong lupus anticoagulant positivity of this patient sample, it was advised in an additional e-mail to the participants to dilute the patient sample in normal pooled plasma. However, the dilution factor used by the participants for reporting the results for all parameters varies greatly and it is not clear for all participants which dilution factor they used for the reported results. Therefore, the results could not be split in different approaches and the statistical analysis should be interpreted with caution and as a consequence no z-score analysis was performed in this report.

Exclusion of results

Results < [value] or > [value] are excluded from the statistical analysis. When other results (e.g. deviating results) are excluded from the statistical analysis, these results are placed between brackets.

Lupus Anticoagulant

When selecting the unit seconds; all results should be reported in seconds and not partly in ratios; e.g. the result for the ECAT sample, the result for normal plasma and the result for MRI.

Antiphospholipid Antibodies

Please be aware of the selection of the correct unit for the method group "IL Acustar / INOVA Quanta Flash". Since there is a difference in the order of magnitude between the results of the "IL Acustar / INOVA Quanta Flash" method group and the other methods, it is expressed in the report as CU/mL instead of U/mL.

Complaints

Any complaints regarding this survey report should be reported to the ECAT before **March 6th 2025**. Complaints received after this date will not be taken into consideration.

This report is authorized by:

Dr. M.J. van Essen-Hollestelle
Programme Expert

Note: A printed version of the actual Survey Manual is provided to all participants once a year. This manual can also be downloaded from the member section of the ECAT website.

ECAT Foundation

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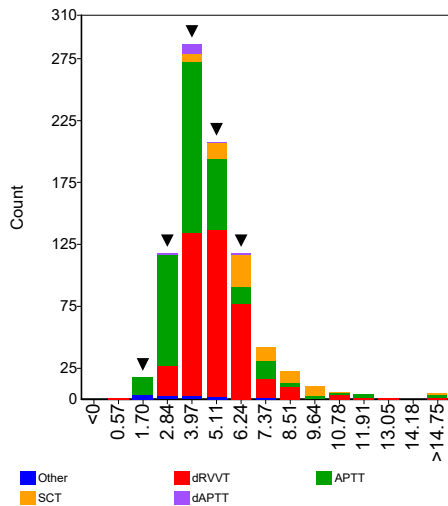
Registration number with the Chamber of Commerce (KvK) Gouda : 41174102
General terms of delivery are applicable to all our services.

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Appendices are an integral part of the total report.

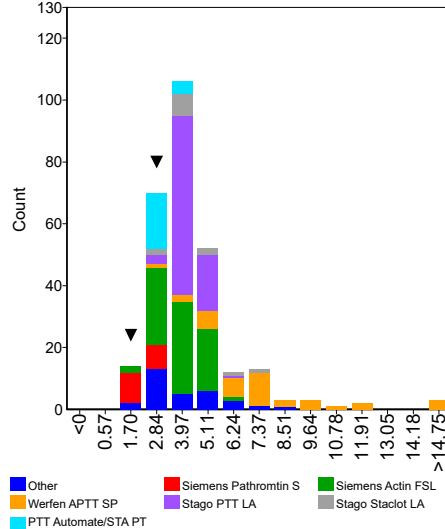
Ratio Normal Plasma

| | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|--------------------------------|-----|----------------|--------|--------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 340 | 4.00 | 29.5 | 1.55 - 17.06 | 1 | 2.51 | | 4.54 | | | |
| APTT | 340 | 4.00 | 29.5 | 1.55 - 17.06 | 2 | 1.99 | | 2.61 | | | |
| Hyphen-Biomed Cephen LS | 7 | 4.12 | | 3.61 - 8.02 | | | | | | | |
| Siemens Actin FSL | 78 | 3.88 | 29.6 | 2.23 - 5.82 | 1 | | | 4.54 | | | |
| Siemens Actin FSL | 78 | 3.88 | 29.6 | 2.23 - 5.82 | 2 | | | 2.61 | | | |
| Siemens Pathromtin SL | 18 | 2.32 | 26.2 | 1.55 - 3.11 | 1 | 2.51 | | | | | |
| Siemens Pathromtin SL | 18 | 2.32 | 26.2 | 1.55 - 3.11 | 2 | 1.99 | | | | | |
| Stago PTT Automate/STA PTT | 22 | 3.02 | 10.5 | 2.60 - 4.11 | | | | | | | |
| Stago PTT LA | 80 | 4.14 | 12.5 | 3.25 - 6.51 | | | | | | | |
| Stago Staclot LA | 13 | 4.25 | 29.2 | 2.36 - 7.58 | | | | | | | |
| Tcoag TriniClot Automated APTT | 7 | 3.01 | | 2.58 - 3.15 | | | | | | | |
| Werfen APTT SP | 37 | 7.31 | 33.9 | 3.23 - 17.06 | | | | | | | |
| Werfen HemosIL SynthAsil | 44 | 3.54 | 10.0 | 3.00 - 4.38 | | | | | | | |
| Werfen MixCon | 15 | 4.72 | 34.1 | 2.60 - 11.80 | | | | | | | |
| dAPTT | 11 | 4.30 | 12.6 | 3.31 - 5.71 | | | | | | | |
| Stago PTT LA | 9 | 4.48 | | 3.63 - 5.71 | | | | | | | |
| dRVVT | 401 | 4.98 | 23.8 | 1.04 - 18.58 | 1 | | | | | 6.11 | |
| dRVVT | 401 | 4.98 | 23.8 | 1.04 - 18.58 | 2 | | | | | 4.06 | |
| Hyphen Biomed Hemoclot LA-S | 5 | 5.60 | | 4.55 - 10.46 | | | | | | | |
| Siemens LA1 screen | 177 | 5.06 | 22.1 | 1.04 - 18.58 | 1 | | | | | 6.11 | |
| Siemens LA1 screen | 177 | 5.06 | 22.1 | 1.04 - 18.58 | 2 | | | | | 4.06 | |
| Stago DRVVT screen | 82 | 4.70 | 21.5 | 2.37 - 6.61 | | | | | | | |
| Technoclone LA Screen | 5 | 4.97 | | 3.03 - 6.62 | | | | | | | |
| Werfen HemosIL dRVVT screen | 121 | 5.13 | 30.2 | 2.53 - 12.81 | | | | | | | |
| PT | 5 | 1.88 | | 1.21 - 2.28 | | | | | | | |
| SCT | 76 | 6.66 | 25.6 | 3.81 - 27.07 | | | | | | | |
| Werfen SCT screen | 75 | 6.61 | 25.1 | 3.81 - 10.51 | | | | | | | |

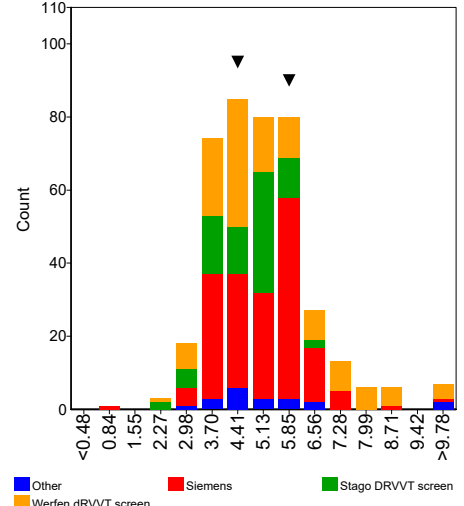
Assays



APTT



DRVVT

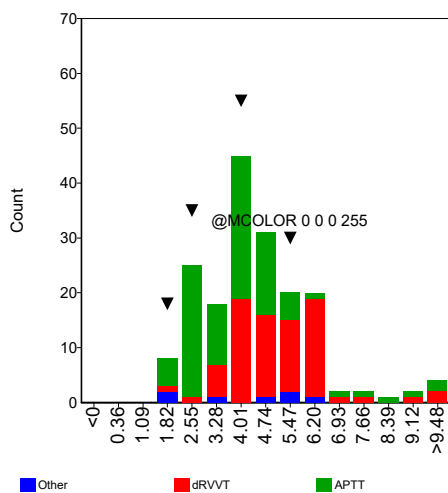


Lupus Anticoagulant

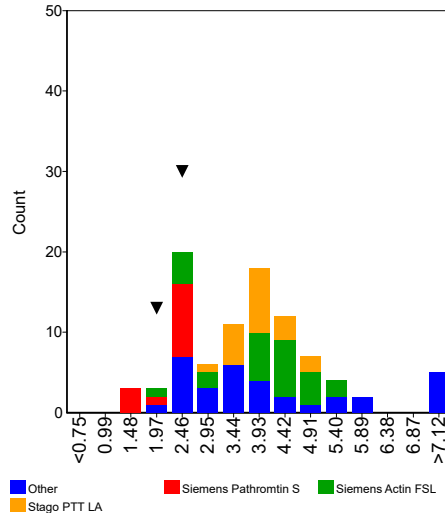
Screening

| Ratio MRI | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|-----------------------------|----|----------------|--------|--------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 93 | 3.72 | 33.2 | 1.54 - 16.95 | 1 | 2.35 | | 4.27 | | | |
| APTT | 93 | 3.72 | 33.2 | 1.54 - 16.95 | 2 | 1.87 | | 2.46 | | | |
| Siemens Actin FSL | 26 | 3.94 | 26.9 | 2.22 - 5.41 | 1 | | | 4.27 | | | |
| Siemens Actin FSL | 26 | 3.94 | 26.9 | 2.22 - 5.41 | 2 | | | 2.46 | | | |
| Siemens Pathromtin SL | 13 | 2.20 | 20.0 | 1.54 - 2.70 | 1 | 2.35 | | | | | |
| Siemens Pathromtin SL | 13 | 2.20 | 20.0 | 1.54 - 2.70 | 2 | 1.87 | | | | | |
| Stago PTT Automate/STA PTT | 7 | 2.70 | | 2.62 - 3.58 | | | | | | | |
| Stago PTT LA | 19 | 3.93 | 12.8 | 3.10 - 5.02 | | | | | | | |
| Werfen APTT SP | 6 | 8.83 | | 5.42 - 16.95 | | | | | | | |
| Werfen HemosIL SynthAsil | 7 | 3.68 | | 3.48 - 4.38 | | | | | | | |
| dRVVT | 78 | 4.99 | 23.5 | 1.88 - 10.37 | 1 | | | | | 5.80 | |
| dRVVT | 78 | 4.99 | 23.5 | 1.88 - 10.37 | 2 | | | | | 3.86 | |
| Siemens LA1 screen | 53 | 5.09 | 22.5 | 3.43 - 10.37 | 1 | | | | | 5.80 | |
| Siemens LA1 screen | 53 | 5.09 | 22.5 | 3.43 - 10.37 | 2 | | | | | 3.86 | |
| Stago DRVVT screen | 13 | 4.54 | 32.2 | 1.88 - 6.07 | | | | | | | |
| Werfen HemosIL dRVVT screen | 7 | 4.74 | | 3.89 - 6.68 | | | | | | | |

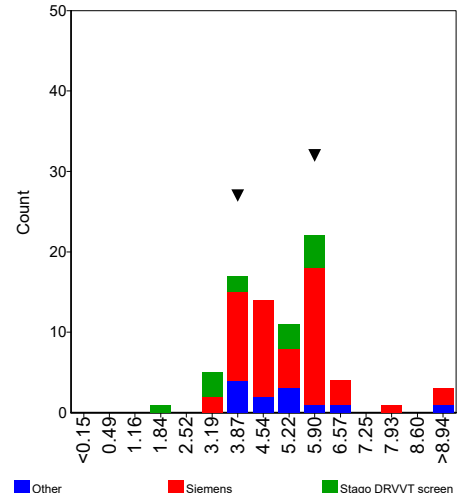
Assays



APTT



DRVVT



Comments

Several participants selected the wrong unit; ratio while the result was likely to be in seconds. Other participants reported their result for the ECAT plasma in seconds while the result for their mean of the reference interval (MRI) was reported as a ratio or reported a deviating value for their Normal Plasma. All these results were excluded in the statistical analysis.

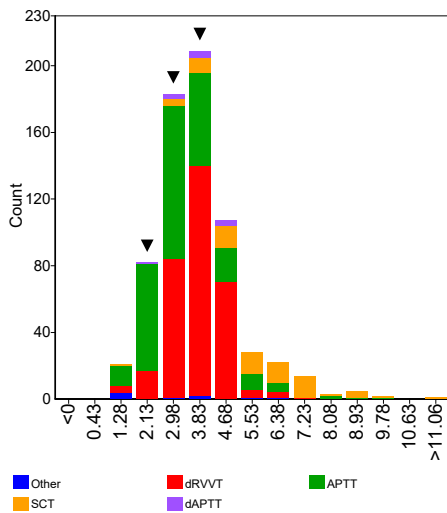
The submitted results were a mix of measurements derived from undiluted ECAT plasma and ECAT plasma diluted with normal pooled plasma. This resulted in most cases in a wide range of ratio's.

Almost all performed screening tests (99.7%) were classified as elevated. Some participants concluded "not elevated" because of a failed coagulation test. This failed coagulation test could be caused by the presence of high LA inhibitors titers. In general, comparable results were observed for the ratio ECAT plasma over Normal Plasma and ratio ECAT plasma over Mean Reference Interval (MRI).

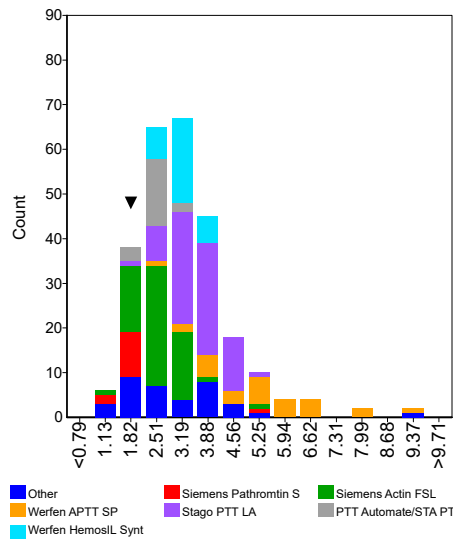
Ratio Normal Plasma

| | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|--------------------------------|-----|----------------|--------|--------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 264 | 3.12 | 33.1 | 1.00 - 9.37 | 2 | | | 1.90 | | | |
| Hyphen-Biomed Cephen LS | 7 | 4.12 | | 2.81 - 4.59 | | | | | | | |
| Siemens Actin FSL | 60 | 2.52 | 22.6 | 1.01 - 5.47 | 2 | | | 1.90 | | | |
| Siemens Pathromtin SL | 13 | 1.81 | 17.2 | 1.36 - 5.10 | | | | | | | |
| Stago PTT Automate/STA PTT | 20 | 2.40 | 9.1 | 2.10 - 3.26 | | | | | | | |
| Stago PTT LA | 72 | 3.58 | 18.7 | 1.74 - 4.94 | | | | | | | |
| Tcoag TriniClot Automated APTT | 7 | 2.69 | | 1.97 - 3.20 | | | | | | | |
| Werfen APTT SP | 28 | 5.25 | 28.3 | 2.60 - 9.37 | | | | | | | |
| Werfen HemosIL SynthAsil | 32 | 3.21 | 13.5 | 2.23 - 3.97 | | | | | | | |
| Werfen MixCon | 8 | 3.92 | | 1.00 - 9.19 | | | | | | | |
| dAPTT | 11 | 3.72 | 24.3 | 2.08 - 5.02 | | | | | | | |
| Stago PTT LA | 8 | 3.69 | | 2.87 - 4.64 | | | | | | | |
| dRVVT | 321 | 3.74 | 19.9 | 1.22 - 6.91 | 1 | | | | | 4.06 | |
| dRVVT | 321 | 3.74 | 19.9 | 1.22 - 6.91 | 2 | | | | | 3.02 | |
| Roche Lupus S | 7 | 3.82 | | 2.32 - 6.20 | | | | | | | |
| Siemens LA1 screen | 150 | 3.75 | 19.8 | 1.22 - 5.23 | 1 | | | | | 4.06 | |
| Siemens LA1 screen | 150 | 3.75 | 19.8 | 1.22 - 5.23 | 2 | | | | | 3.02 | |
| Stago DRVVT screen | 50 | 3.45 | 13.5 | 2.39 - 6.01 | | | | | | | |
| Werfen HemosIL dRVVT screen | 99 | 3.89 | 19.4 | 1.62 - 6.91 | | | | | | | |
| SCT | 72 | 5.71 | 31.3 | 1.11 - 27.07 | | | | | | | |
| Werfen SCT screen | 71 | 5.66 | 30.7 | 1.11 - 9.38 | | | | | | | |

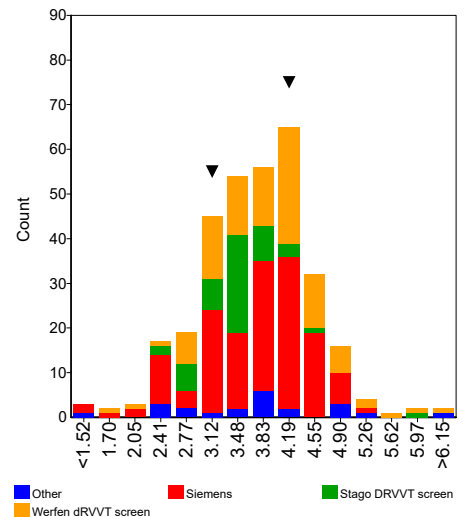
Assays



APTT



DRVVT

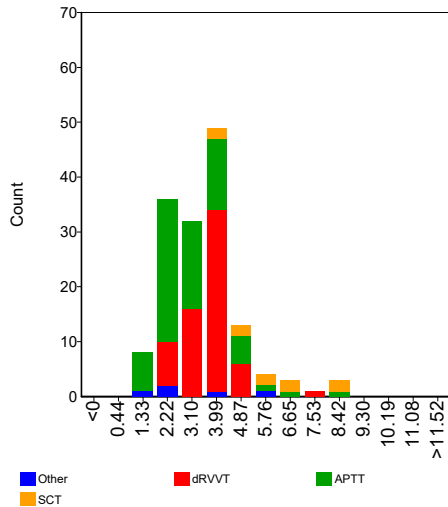


Lupus Anticoagulant

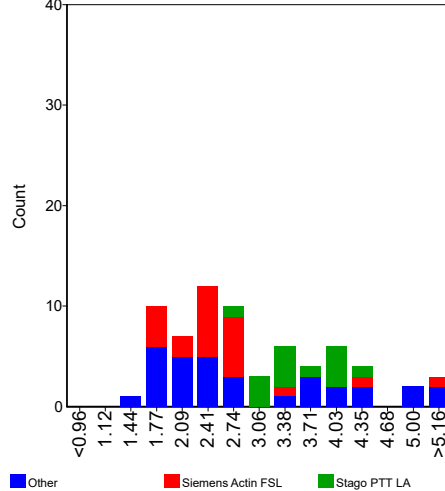
Mixing (screening)

| Ratio MRI | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|-----------------------------|----|----------------|--------|-------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 70 | 2.95 | 35.9 | 1.46 - 7.99 | | | | | | | |
| Siemens Actin FSL | 22 | 2.50 | 20.5 | 1.78 - 5.54 | | | | | | | |
| Siemens Pathromtin SL | 8 | 1.73 | | 1.46 - 2.01 | | | | | | | |
| Stago PTT Automate/STA PTT | 6 | 2.28 | | 2.13 - 2.75 | | | | | | | |
| Stago PTT LA | 14 | 3.53 | 15.3 | 2.78 - 4.19 | | | | | | | |
| Werfen APTT SP | 7 | 4.50 | | 2.60 - 7.99 | | | | | | | |
| dRVVT | 64 | 3.70 | 22.4 | 2.01 - 7.24 | | | | | | | |
| Siemens LA1 screen | 37 | 3.74 | 23.1 | 2.26 - 5.23 | | | | | | | |
| Stago DRVVT screen | 7 | 3.77 | | 2.44 - 4.21 | | | | | | | |
| Werfen HemosIL dRVVT screen | 15 | 3.81 | 19.1 | 2.90 - 7.24 | | | | | | | |
| SCT | 10 | 6.00 | 30.6 | 3.90 - 8.30 | | | | | | | |
| Werfen SCT screen | 10 | 6.00 | 30.6 | 3.90 - 8.30 | | | | | | | |

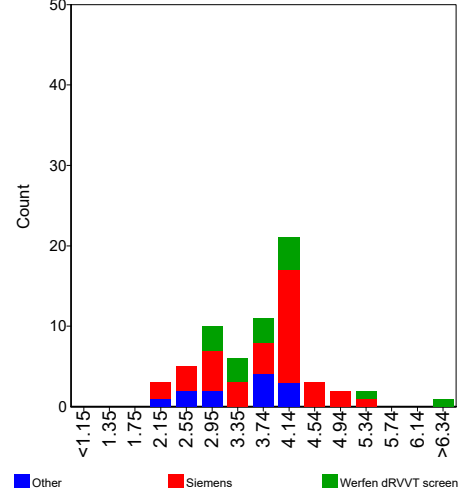
Assays



APTT



DRVVT



Comments

One participant selected the wrong unit; ratio while the result was likely to be in seconds. Other participants reported their result for the ECAT plasma in seconds while the result for their mean of the reference interval (MRI) was reported as a ratio or reported a deviating value for their Normal Plasma. All these results were excluded in the statistical analysis.

The submitted results were a mix of measurements derived from ECAT plasma diluted with normal pooled plasma with various dilution factors. This resulted in most cases in a wide range of ratio's.

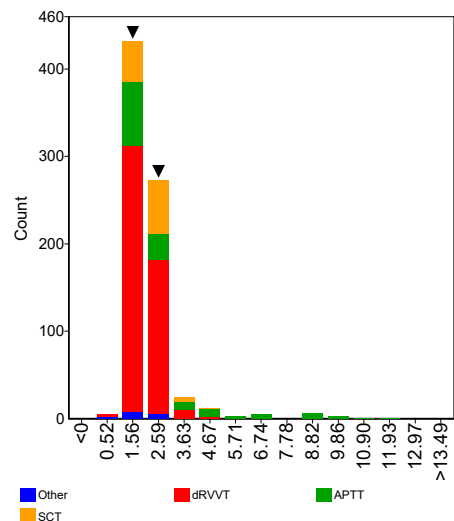
Almost all performed mixing screening tests (99.3%) were classified as elevated.

In general, comparable results were observed for the ratio ECAT plasma over Normal Plasma and ratio ECAT plasma over Mean Reference Interval (MRI).

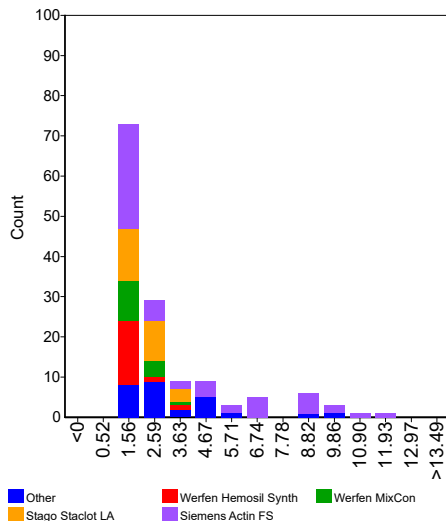
Ratio Normal Plasma

| | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|------------------------------|-----|----------------|--------|--------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 141 | 2.47 | 51.7 | 1.05 - 11.75 | | | | | | | |
| Siemens Actin FS | 53 | 3.80 | 85.1 | 1.09 - 11.75 | | | | | | | |
| Stago Staclot LA | 26 | 2.12 | 30.1 | 1.35 - 3.29 | | | | | | | |
| Stago/Roche PTT LA | 6 | 3.01 | | 1.80 - 4.59 | | | | | | | |
| Werfen Hemosil SynthAFax | 18 | 1.88 | 12.1 | 1.59 - 3.24 | | | | | | | |
| Werfen MixCon | 15 | 2.00 | 32.8 | 1.05 - 3.96 | | | | | | | |
| dAPTT | 6 | 1.97 | | 1.28 - 2.36 | | | | | | | |
| dRVVT | 496 | 1.88 | 24.3 | 0.90 - 4.88 | 1 | | | | | 2.20 | |
| dRVVT | 496 | 1.88 | 24.3 | 0.90 - 4.88 | 2 | | | | | 1.42 | |
| Hyphen Biomed Hemoclot LA-C | 8 | 3.49 | | 1.54 - 4.29 | | | | | | | |
| Roche Lupus C | 7 | 2.16 | | 1.24 - 2.47 | | | | | | | |
| Siemens LA2 confirmation | 205 | 1.96 | 23.1 | 1.00 - 3.10 | 1 | | | | | 2.20 | |
| Siemens LA2 confirmation | 205 | 1.96 | 23.1 | 1.00 - 3.10 | 2 | | | | | 1.42 | |
| Stago DRVVT Confirm | 78 | 1.94 | 21.1 | 1.16 - 2.93 | | | | | | | |
| Technoclone LA Confirm | 5 | 1.99 | | 1.45 - 2.24 | | | | | | | |
| Werfen Hemosil dRVVT confirm | 183 | 1.73 | 23.6 | 0.90 - 4.88 | | | | | | | |
| PNP | 6 | 1.72 | | 0.79 - 2.40 | | | | | | | |
| SCT | 113 | 2.12 | 28.2 | 1.18 - 4.74 | | | | | | | |
| Werfen Hemosil SCT confirm | 113 | 2.12 | 28.2 | 1.18 - 4.74 | | | | | | | |

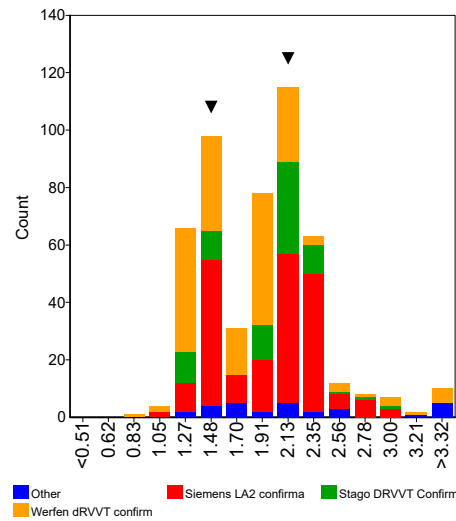
Assays



APTT



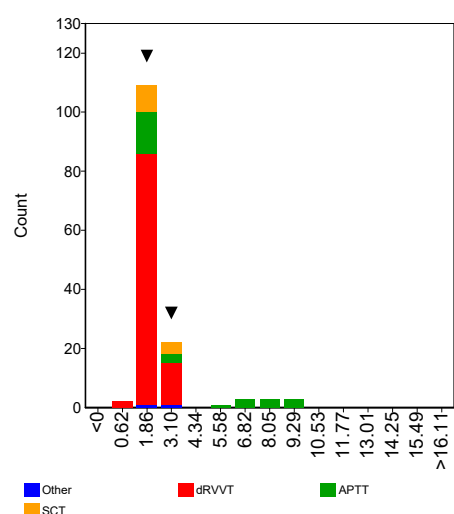
DRVVT



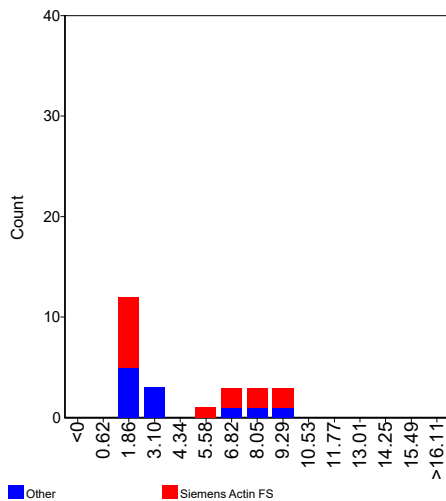
Lupus Anticoagulant **Confirmation**

| Ratio MRI | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|------------------------------|-----|----------------|--------|-------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 27 | 3.99 | 88.0 | 1.30 - 9.36 | | | | | | | |
| Siemens Actin FS | 14 | 4.55 | 84.6 | 1.30 - 9.36 | | | | | | | |
| Stago Staclot LA | 6 | 1.68 | | 1.36 - 2.71 | | | | | | | |
| dRVVT | 101 | 2.02 | 22.2 | 1.16 - 3.60 | 1 | | | | | 2.54 | |
| dRVVT | 101 | 2.02 | 22.2 | 1.16 - 3.60 | 2 | | | | | 1.63 | |
| Siemens LA2 confirmation | 60 | 2.07 | 22.3 | 1.20 - 3.12 | 1 | | | | | 2.54 | |
| Siemens LA2 confirmation | 60 | 2.07 | 22.3 | 1.20 - 3.12 | 2 | | | | | 1.63 | |
| Stago DRVVT Confirm | 13 | 1.83 | 23.1 | 1.16 - 2.22 | | | | | | | |
| Werfen HemosIL dRVVT confirm | 22 | 1.90 | 20.1 | 1.28 - 3.60 | | | | | | | |
| SCT | 13 | 2.35 | 16.5 | 1.31 - 3.07 | | | | | | | |
| Werfen HemosIL SCT confirm | 13 | 2.35 | 16.5 | 1.31 - 3.07 | | | | | | | |

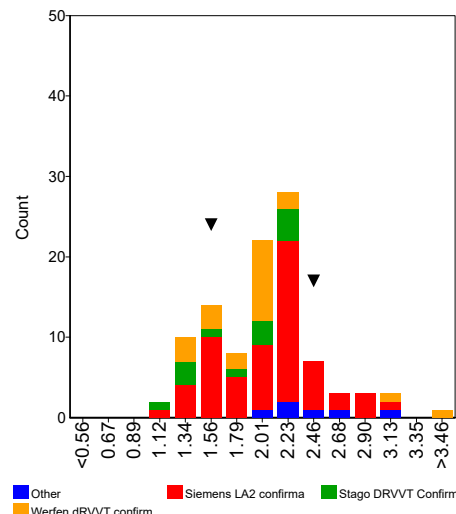
Assays



APTT



DRVVT



Comments

One participant selected the wrong unit, e.g. ratio while the result was likely to be in seconds. Several participants reported their result for the ECAT plasma in seconds while the result for their reference plasma or the mean of the reference interval was reported as a ratio. In all these cases the ratio between the ECAT plasma and the laboratories own reference plasma and/or the mean of the reference interval could not be correctly calculated. One participant reported also a confirmation result in Delta Seconds. However the difference in clotting time between the screen and confirmation test (or reagent 1 and reagent 2) should be reported in the interpretation section. Other participants (**labcode 143**, panel 1 and **labcode 351**, panel 2) reported deviating results. All these results were excluded from the statistical analysis.

The submitted results were a mix of measurements derived from undiluted ECAT plasma and ECAT plasma diluted with normal pooled plasma. This resulted in most cases in a wide range of ratio's.

Almost all performed confirmation tests (97.2%) were classified as elevated.

In general, comparable results were observed for the ratio ECAT plasma over Normal Plasma and ratio ECAT plasma over Mean Reference Interval (MRI).

Lupus Anticoagulant

Mixing (confirm)

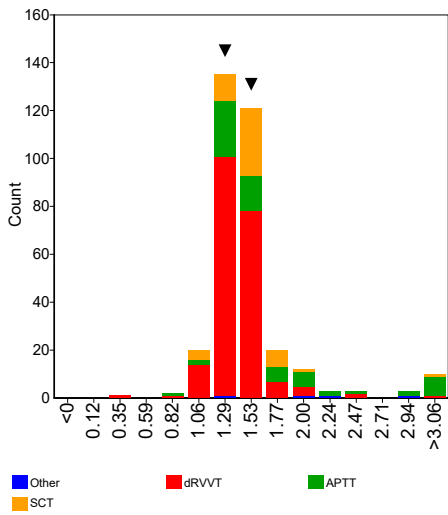
Sample No 24.238
Sample Details Plasma positive for Lupus Anticoagulant (LA Ratio approx. >2.0)
Prior Use Prior Use: None
Unit Ratio
Expiry Date 31-July-2026
Homogeneity 0.2 % **Homogeneity Parameter** LA ratio
 For any method used for the measurement of this parameter with a **CV ≤ 0.7%** the criterion for homogeneity could not be met and the Z-scores should be interpreted with caution. See for further details the paragraph on the statistical evaluation in the Survey Manual.
Number of Participants 626
Number of Responders 229 **Response Rate** 37 %

| Assay | Elevated | Not elevated | Borderline | No Classification |
|-------|----------|--------------|------------|-------------------|
| APTT | 63 | 6 | 0 | 4 |
| dAPTT | 7 | 0 | 0 | 1 |
| dPT | 1 | 0 | 0 | 0 |
| dRVVT | 187 | 25 | 0 | 16 |
| PNP | 2 | 0 | 0 | 0 |
| SCT | 45 | 5 | 0 | 7 |

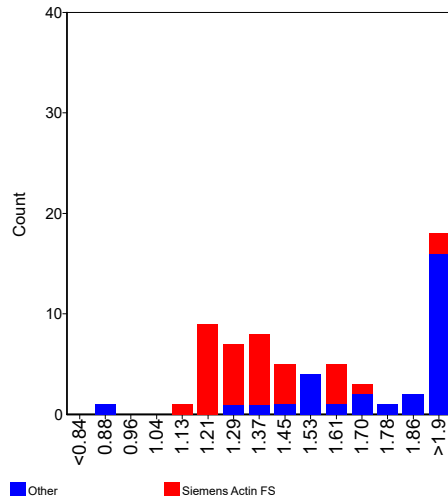
| Assay | Your classification | | | | | | | | |
|-------|---------------------|--|----------|----------|--|--------------|----------|--|--|
| | Mixing 1 | | | Mixing 2 | | | Mixing 3 | | |
| | | | TS3 | | | TS3 | | | |
| APTT | | | | | | | | | |
| dAPTT | | | | | | | | | |
| dPT | | | | | | | | | |
| dRVVT | | | Elevated | | | Not elevated | | | |
| PNP | | | | | | | | | |
| SCT | | | | | | | | | |

| Ratio Normal Plasma | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|------------------------------|-----|----------------|--------|-------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 66 | 1.65 | 28.6 | 0.90 - 6.47 | | | | | | | |
| Siemens Actin FS | 34 | 1.37 | 12.9 | 1.14 - 4.83 | | | | | | | |
| Werfen Hemosil SynthAFax | 6 | 1.89 | | 1.52 - 2.33 | | | | | | | |
| Werfen MixCon | 7 | 2.08 | | 1.52 - 5.70 | | | | | | | |
| dRVVT | 208 | 1.38 | 10.4 | 0.42 - 4.16 | 1 | | | | | 1.42 | |
| dRVVT | 208 | 1.38 | 10.4 | 0.42 - 4.16 | 2 | | | | | 1.22 | |
| Siemens LA2 confirmation | 104 | 1.41 | 10.3 | 0.97 - 4.16 | 1 | | | | | 1.42 | |
| Siemens LA2 confirmation | 104 | 1.41 | 10.3 | 0.97 - 4.16 | 2 | | | | | 1.22 | |
| Stago DRVVT Confirm | 22 | 1.38 | 10.1 | 1.17 - 2.05 | | | | | | | |
| Werfen Hemosil dRVVT confirm | 71 | 1.34 | 10.0 | 0.42 - 2.03 | | | | | | | |
| SCT | 52 | 1.47 | 12.5 | 1.10 - 4.46 | | | | | | | |
| Werfen Hemosil SCT confirm | 52 | 1.47 | 12.5 | 1.10 - 4.46 | | | | | | | |

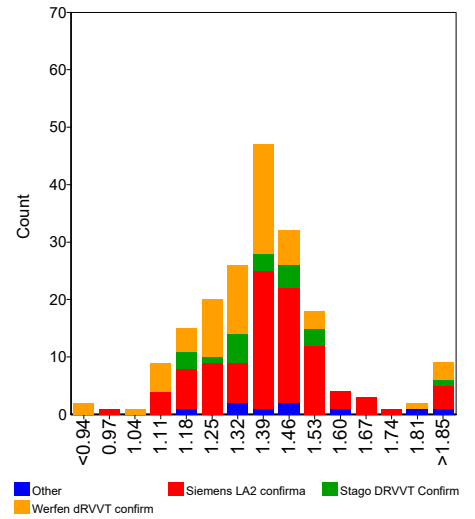
Assays



APTT



DRVVT

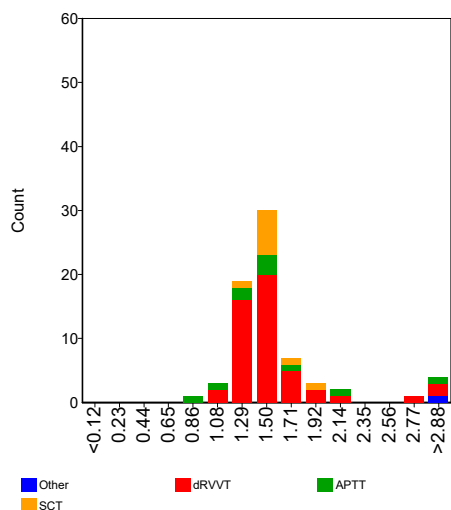


Lupus Anticoagulant

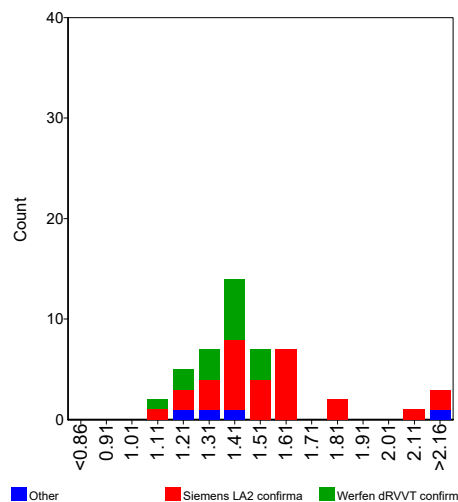
Mixing (confirm)

| Ratio MRI | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|------------------------------|----|----------------|--------|--------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 10 | 1.50 | 30.7 | 0.82 - 2.97 | | | | | | | |
| Siemens Actin FS | 6 | 1.41 | | 1.10 - 2.97 | | | | | | | |
| dRVVT | 49 | 1.45 | 13.5 | 1.14 - 15.30 | | | | | | | |
| Siemens LA2 confirmation | 29 | 1.51 | 14.3 | 1.16 - 15.30 | | | | | | | |
| Werfen HemosIL dRVVT confirm | 16 | 1.37 | 9.7 | 1.14 - 1.96 | | | | | | | |
| SCT | 10 | 1.51 | 7.4 | 1.39 - 2.00 | | | | | | | |
| Werfen HemosIL SCT confirm | 10 | 1.51 | 7.4 | 1.39 - 2.00 | | | | | | | |

Assays



DRVVT



Comments

Several participants reported the result for the ECAT plasma in seconds while the result for the reference plasma (derived from the Normal Plasma or mean of the reference interval (MRI)) was reported as a ratio.

The submitted results were a mix of measurements derived from ECAT plasma diluted with normal pooled plasma with various dilution factors. This resulted in most cases in a wide range of ratio's.

As expected, the majority of performed mixing confirmation tests (89.4%) were classified as elevated. For a strong positive Lupus Anticoagulant plasma, it is expected that the test result still is not normalised in the mixing confirm test.

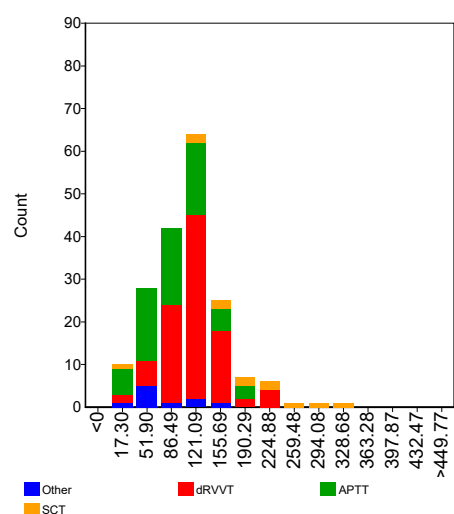
In general, comparable results were observed for the ratio ECAT plasma over Normal Plasma and ratio ECAT plasma over Mean Reference Interval (MRI).

| | |
|----------------------------|-----------------------|
| Lupus Anticoagulant | Interpretation |
|----------------------------|-----------------------|

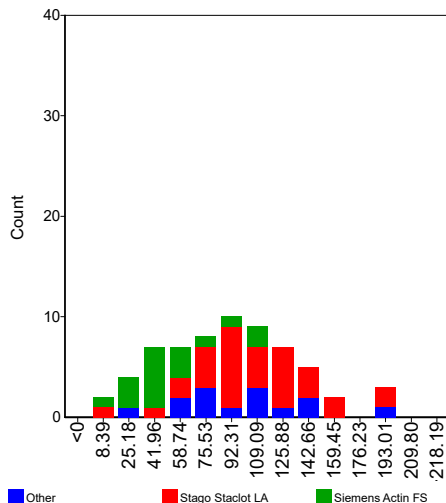
Delta Seconds

| | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|------------------------------|----|----------------|--------|----------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 66 | 89.34 | 51.6 | 8.60 - 201.30 | | | | | | | |
| Siemens Actin FS | 17 | 49.73 | 50.6 | 16.40 - 116.00 | | | | | | | |
| Stago Staclot LA | 33 | 106.71 | 34.8 | 8.60 - 201.30 | | | | | | | |
| dRVVT | 97 | 117.17 | 28.1 | 3.31 - 222.00 | | | | | | | |
| Siemens LA2 confirmation | 54 | 119.24 | 26.3 | 3.31 - 222.00 | | | | | | | |
| Stago DRVVT Confirm | 9 | 100.00 | | 5.60 - 167.30 | | | | | | | |
| Werfen HemosIL dRVVT confirm | 29 | 120.76 | 25.9 | 39.30 - 210.80 | | | | | | | |
| PNP | 6 | 47.35 | | 17.77 - 67.20 | | | | | | | |
| SCT | 12 | 194.37 | 43.8 | 13.20 - 328.00 | | | | | | | |
| Werfen HemosIL SCT confirm | 12 | 194.37 | 43.8 | 13.20 - 328.00 | | | | | | | |

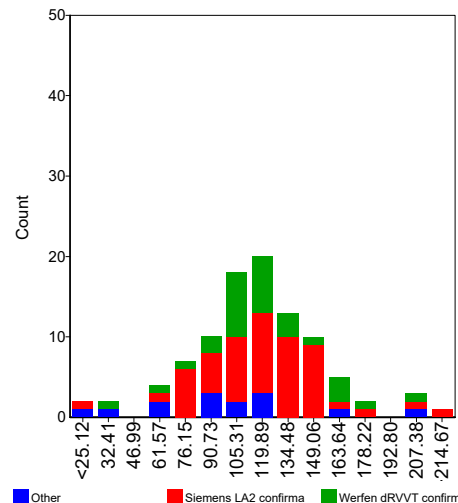
Assays



APTT



DRVVT



Comments

Some participants reported their result for Delta Seconds as a negative result. Please, report in future surveys the result without the negative prefix.

The submitted results were a mix of measurements derived from undiluted ECAT plasma and ECAT plasma diluted with normal pooled plasma. This resulted in most cases in a wide range of delta seconds.

Lupus Anticoagulant

Interpretation

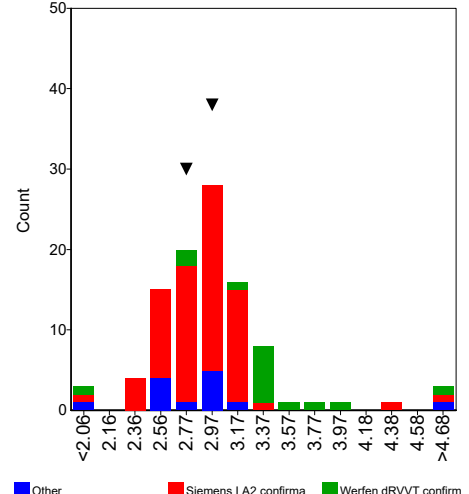
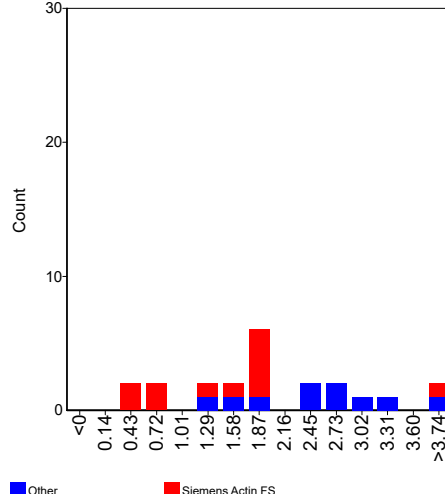
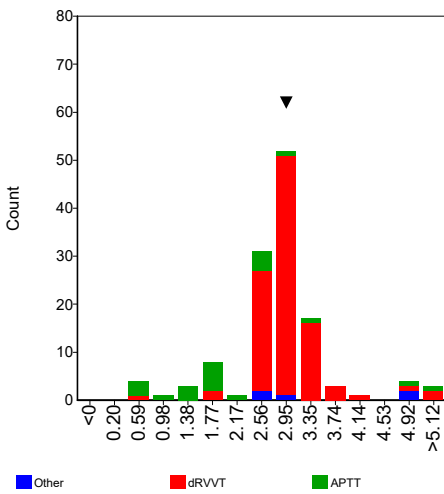
Ratio Screen/Confirmation - Standard

| | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|------------------------------|-----|----------------|--------|--------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 22 | 1.98 | 52.7 | 0.51 - 14.50 | | | | | | | |
| Siemens Actin FS | 12 | 1.46 | 51.9 | 0.51 - 5.10 | | | | | | | |
| dRVVT | 101 | 2.92 | 11.2 | 0.67 - 7.92 | 1 | | | | | 2.85 | |
| dRVVT | 101 | 2.92 | 11.2 | 0.67 - 7.92 | 2 | | | | | 2.94 | |
| Siemens LA2 confirmation | 73 | 2.87 | 9.1 | 1.81 - 7.92 | 1 | | | | | 2.85 | |
| Siemens LA2 confirmation | 73 | 2.87 | 9.1 | 1.81 - 7.92 | 2 | | | | | 2.94 | |
| Stago DRVVT Confirm | 7 | 2.65 | | 2.48 - 5.73 | | | | | | | |
| Werfen HemosIL dRVVT confirm | 15 | 3.37 | 12.9 | 0.67 - 4.87 | | | | | | | |
| SCT | 5 | 3.12 | | 2.40 - 5.04 | | | | | | | |
| Werfen HemosIL SCT confirm | 5 | 3.12 | | 2.40 - 5.04 | | | | | | | |

Assays

APTT

DRVVT



Comments

Some participants did not indicate which type of ratio screen/confirmation they reported (standard ratio or normalised ratio). These results have been excluded in the evaluation. **Don't forget to select the type of ratio in the next survey.**

The average ratio screen / confirmation is in general in line with the expected LA ratio (approx. >2.0). For the assay type "APTT" the LA ratio is slightly lower compared to the other assay types.

The submitted ratio screen / confirmation was a mix of measurements derived from undiluted ECAT plasma and ECAT plasma diluted with normal pooled plasma. This resulted in most cases in a wide range of ratio's.

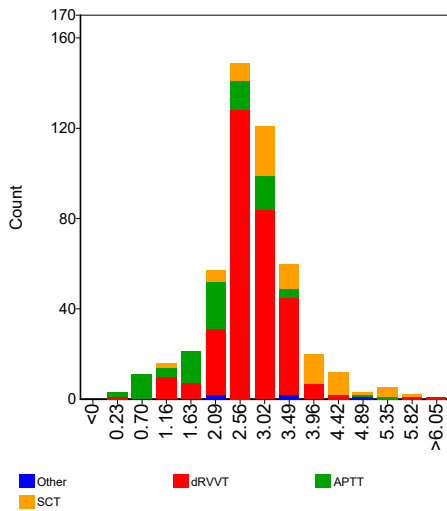
Lupus Anticoagulant

Interpretation

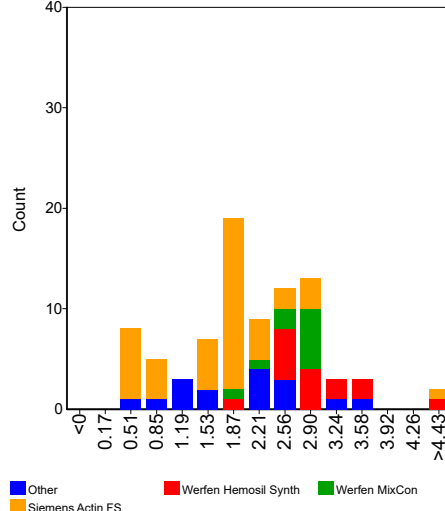
Ratio Screen/Confirmation - Normalised

| | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|------------------------------|-----|----------------|--------|-------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 86 | 2.11 | 42.7 | 0.38 - 5.54 | | | | | | | |
| Siemens Actin FS | 43 | 1.66 | 47.0 | 0.38 - 5.54 | | | | | | | |
| Werfen Hemosil SynthAFax | 15 | 2.93 | 17.1 | 1.93 - 4.95 | | | | | | | |
| Werfen MixCon | 10 | 2.75 | 11.1 | 2.01 - 3.03 | | | | | | | |
| dRVVT | 313 | 2.76 | 17.3 | 0.42 - 6.82 | | | | | | | |
| Hyphen Biomed Hemoclot LA-C | 7 | 2.96 | | 1.26 - 3.54 | | | | | | | |
| Roche Lupus C | 6 | 2.99 | | 2.72 - 4.23 | | | | | | | |
| Siemens LA2 confirmation | 107 | 2.64 | 9.2 | 0.42 - 3.70 | | | | | | | |
| Stago DRVVT Confirm | 59 | 2.46 | 11.0 | 1.05 - 2.98 | | | | | | | |
| Werfen Hemosil dRVVT confirm | 128 | 3.06 | 17.2 | 1.24 - 6.82 | | | | | | | |
| SCT | 77 | 3.41 | 25.9 | 1.19 - 5.61 | | | | | | | |
| Werfen Hemosil SCT confirm | 77 | 3.41 | 25.9 | 1.19 - 5.61 | | | | | | | |

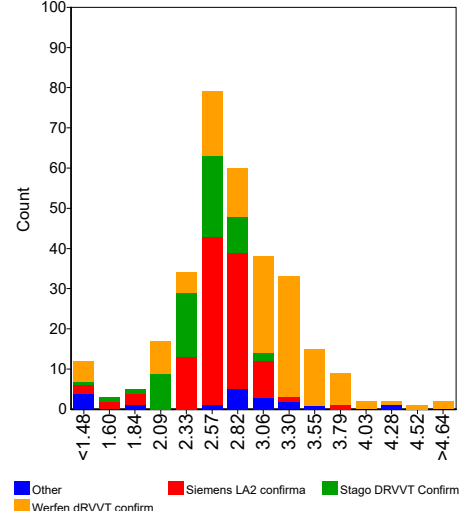
Assays



APTT



DRVVT



Comments

Some participants did not indicate which type of ratio screen/confirmation they reported (standard ratio or normalised ratio). These results have been excluded in the evaluation. **Don't forget to select the type of ratio in the next survey.**

The average ratio screen / confirmation is in general in line with the expected LA ratio (approx. >2.0). For the assay type "APTT" and method type "Siemens Actin FS" the LA ratio is slightly lower compared to the other assay types and other methods within the assay type "APTT". The observed results are comparable to the observations seen for the parameter: "Ratio Screen/Confirmation - Standard".

The submitted ratio screen / confirmation was a mix of measurements derived from undiluted ECAT plasma and ECAT plasma diluted with normal pooled plasma. This resulted in most cases in a wide range of ratio's.

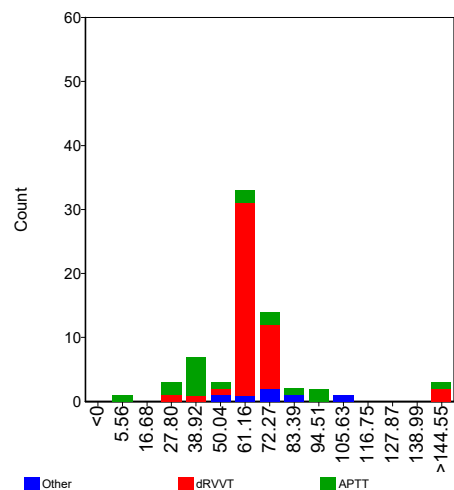
Lupus Anticoagulant

Interpretation

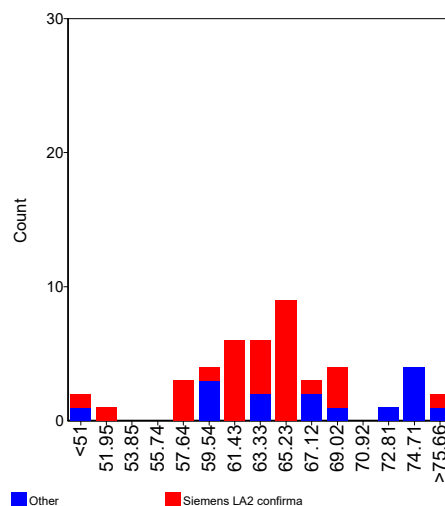
Percentage Correction - Standard

| | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|------------------------------|----|----------------|--------|----------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 18 | 54.92 | 54.4 | 11.00 - 264.00 | | | | | | | |
| Siemens Actin FS | 9 | 37.80 | | 11.00 - 94.00 | | | | | | | |
| dRVVT | 45 | 64.45 | 8.8 | 33.00 - 256.00 | | | | | | | |
| Siemens LA2 confirmation | 30 | 63.33 | 6.5 | 35.73 - 219.00 | | | | | | | |
| Stago DRVVT Confirm | 7 | 62.80 | | 59.20 - 68.30 | | | | | | | |
| Werfen HemosIL dRVVT confirm | 6 | 74.45 | | 66.70 - 256.00 | | | | | | | |

Assays



DRVVT



Comments

Some participants did not indicate which type of correction they have reported (standard correction or normalised correction). These results have been excluded in the statistical evaluation. Don't forget to select the type of correction in the next survey.

Some participants reported their result for Percentage correction as a negative result. Please, report in future surveys the result without the negative prefix.

The following participant reported a deviating result which was excluded in the statistical evaluation:

1480 : 2.35%

The submitted results were a mix of measurements derived from undiluted ECAT plasma and ECAT plasma diluted with normal pooled plasma. This resulted in most cases in a wide range of percentage corrections.

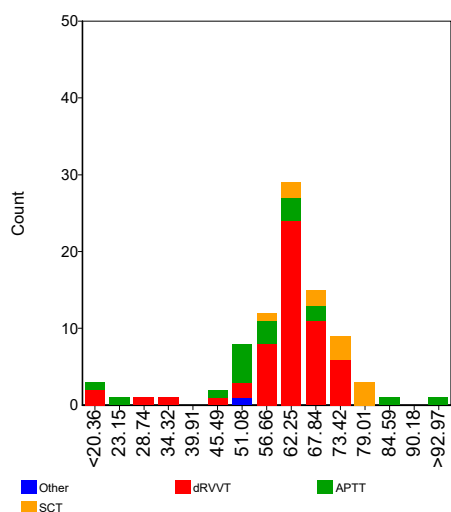
Lupus Anticoagulant

Interpretation

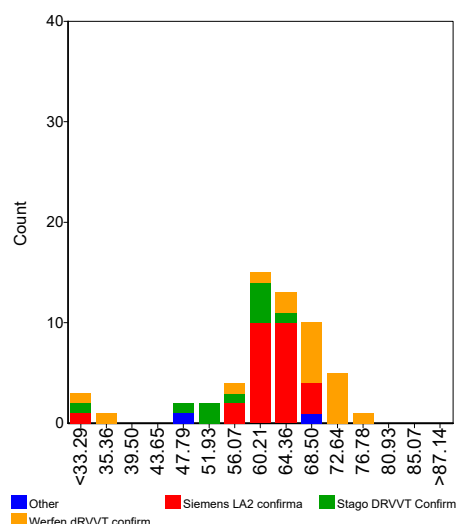
Percentage Correction - Normalised

| | n | assigned value | CV (%) | Range | Test System | Panel 1 | Z-score | Panel 2 | Z-score | Panel 3 | Z-score |
|------------------------------|----|----------------|--------|---------------|-------------|---------|---------|---------|---------|---------|---------|
| APTT | 18 | 56.32 | 21.3 | 8.00 - 104.25 | | | | | | | |
| Siemens Actin FS | 9 | 53.80 | | 8.00 - 104.25 | | | | | | | |
| dRVVT | 56 | 62.60 | 10.8 | 3.65 - 76.01 | | | | | | | |
| Siemens LA2 confirmation | 26 | 62.05 | 5.0 | 29.80 - 67.90 | | | | | | | |
| Stago DRVVT Confirm | 10 | 55.51 | 13.3 | 4.60 - 64.09 | | | | | | | |
| Werfen HemosIL dRVVT confirm | 18 | 67.88 | 9.5 | 3.65 - 76.01 | | | | | | | |
| SCT | 11 | 70.74 | 10.5 | 57.20 - 80.20 | | | | | | | |
| Werfen HemosIL SCT confirm | 11 | 70.74 | 10.5 | 57.20 - 80.20 | | | | | | | |

Assays



DRVVT



Comments

Some participants did not indicate which type of correction they have reported (standard correction or normalised correction). These results have been excluded in the statistical evaluation. Don't forget to select the type of correction in the next survey.

Some participants reported their result for Percentage correction as a negative result. Please, report in future surveys the result without the negative prefix.

The following participants reported deviating results which were excluded in the statistical evaluation:

- 163 :** 1%
- 1327:** 0%
- 1604:** 0.34%
- 9119:** -1.8%
- 9907339:** 0.1%

The submitted results were a mix of measurements derived from undiluted ECAT plasma and ECAT plasma diluted with normal pooled plasma. This resulted in most cases in a wide range of percentage corrections.

Lupus Anticoagulant

Final Conclusion

| Testing Strategies | Classification | | | | Your Classification | | | |
|---------------------------------|----------------|-------------|-----------------|---------------|---------------------|---------|---------|-------------|
| | Equivocal | LA detected | LA not detected | No conclusion | Test System | Panel 1 | Panel 2 | Panel 3 |
| Screen test only | 0 | 13 | 0 | 11 | 1 | | | |
| | | | | | 2 | | | |
| | | | | | 3 | | | |
| Screen and mixing test | 5 | 56 | 1 | 13 | 1 | | | |
| | | | | | 2 | | | |
| | | | | | 3 | | | |
| Screen and confirm test | 2 | 326 | 9 | 27 | 1 | | | |
| | | | | | 2 | | | |
| | | | | | 3 | | | |
| Screen, mixing and confirm test | 6 | 251 | 8 | 11 | 1 | | | LA detected |
| | | | | | 2 | | | LA detected |
| | | | | | 3 | | | |
| Screen, confirm, mixing test | 3 | 177 | 2 | 10 | 1 | | | |
| | | | | | 2 | | | |
| | | | | | 3 | | | |
| Mixing - confirmation | 0 | 46 | 1 | 4 | 1 | | | |
| | | | | | 2 | | | |
| | | | | | 3 | | | |

| Final Conclusion | | | | Your Results | | |
|------------------|-----------------|-----------|---------------|---------------|---------------|---------------|
| Counts | | | | Test System 1 | Test System 2 | Test System 3 |
| LA detected | LA not detected | Equivocal | No Conclusion | | | |
| 451 | 5 | 9 | 21 | LA detected | LA detected | |

Comments

The sample used in this survey was plasma derived from a patient diagnosed with Lupus Anticoagulant (LA Ratio > approx. 2.0). In addition, based on the information known from this plasma sample, this patient was also treated with a vitamine K antagonist and not with a DOAC.

The challenge in this plasma sample with strongly prolonged clotting time was, how to ultimately distinguish between coagulation deficiency and LA inhibitors. By additionally diluting the plasma more than normally done, clarity could be obtained. Most participants observed both prolonged screen and confirm tests (with and without mixing with normal pooled plasma), indicating the presence of a strong lupus anticoagulant. Also, multiple participants could not measure the screening test in undiluted plasma, due to the presence of a strong lupus anticoagulant.

Many participants experienced the diagnostics of this patient plasma as a challenge, resulting in a variety of test approaches with a diversity in used dilution factors and as such in a wide range of reported test results. Therefore, no performance assessment was performed.

In total 451 participants gave a final conclusion. Of the participants who gave a final conclusion, approximately 97% classified the sample as positive. Two percent classified the sample as equivocal. Thus, the vast majority of the participants correctly classified this sample as positive. A minority of the participants classified this sample as negative, this could be due to failed coagulation tests. This failed coagulation test could be caused by the presence of high LA inhibitors titers.

Several participants stated that this sample is positive for lupus anticoagulant but in real clinical practice this should be confirmed in a new sample after 12 weeks. Some participants indicated that the patient was suspicious of treatment with a vitamine K antagonist, because of an increased INR value.

Lupus Anticoagulant

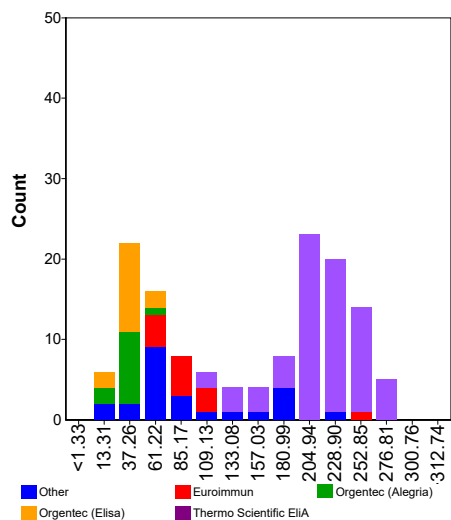
AntiCardiolipin Antibodies IgG

| | | | |
|-------------------------------|---|------------------------------|----------|
| Sample No | 24.238 | | |
| Sample Details | Plasma positive for Lupus Anticoagulant (LA Ratio approx. >2.0) | | |
| Prior Use | Prior Use: None | | |
| Unit | GPL, U/mL, µg/mL, CU/mL | | |
| Expiry Date | 31-July-2026 | | |
| Homogeneity | 0.2 % | Homogeneity Parameter | LA ratio |
| | For any method used for the measurement of this parameter with a CV ≤ 0.7% the criterion for homogeneity could not be met and the Z-scores should be interpreted with caution. See for further details the paragraph on the statistical evaluation in the Survey Manual. | | |
| Number of Participants | 626 | | |
| Number of Responders | 227 | Response Rate | 36 % |

| Classification | Negative | Borderline | Low Positive | Medium Positive | High Positive | No Conclusion |
|----------------|----------|------------|--------------|-----------------|---------------|---------------|
| Total | 0 | 0 | 12 | 45 | 170 | 1 |

| IgG | n | assigned value | CV (%) | range | Test System 1 Result | z-score | Test System 2 Result | z-score | Test System 3 Result | z-score |
|-------------------------------------|-----|----------------|--------|---------------|----------------------|---------|----------------------|---------|----------------------|---------|
| U/mL, µg/mL, GPL/MPL | 136 | 147.1 | 66.1 | 13.7 - 285.0 | | | | | | |
| Aeskulisa Diagnostic GmbH | 6 | 56.3 | | 17.0 - 143.4 | | | | | | |
| Euroimmun | 13 | 87.1 | 26.2 | 60.8 - 248.0 | | | | | | |
| Orgentec (Alegria) | 12 | 28.5 | 22.4 | 15.4 - 52.0 | | | | | | |
| Orgentec (Elisa) | 15 | 37.6 | 32.1 | 13.7 - 60.7 | | | | | | |
| Thermo Scientific EliA | 72 | 219.4 | 14.2 | 108.0 - 285.0 | | | | | | |
| Werfen INOVA Quanta Lite | 8 | 69.6 | | 61.0 - 78.1 | | | | | | |
| CU/mL | 81 | 192.7 | 12.5 | 106.1 - 236.7 | | | | | | |
| Werfen Acustar / INOVA Quanta Flash | 80 | 193.3 | 12.2 | 106.1 - 236.7 | | | | | | |

GPL, U/mL, µg/mL



Comments

A positive classification has been observed by all participants, most participants (75%) classified the sample as "High Positive".

Please be aware of the selection of the correct unit for the method group "Werfen Acustar / INOVA Quanta Flash". Since there is an order of magnitude difference between the results of the method "IL Acustar / INOVA Quanta Flash" from the other methods, it is expressed in the report as CU/mL instead of U/mL. For all other methods the unit U/mL should be selected.

The following participants reported deviating results which were excluded in the statistical evaluation:

176 : 2.6 CU/mL
907268: 340 U/mL

The result of 1 participant (**labcode 1353**) was excluded because they reported the result with an incorrect unit (ratio instead U/mL).

Because it is unknown whether participants have used undiluted or diluted ECAT plasma to measure Anti-Cardiolipin Antibodies IgG, no performance assessment was performed.

Lupus Anticoagulant

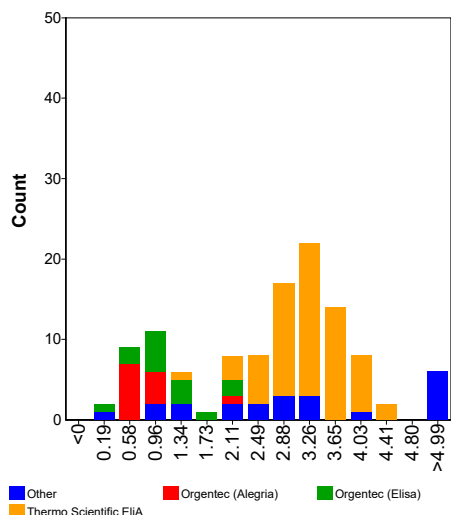
AntiCardiolipin Antibodies IgM

| | | | |
|-------------------------------|---|------------------------------|----------|
| Sample No | 24.238 | | |
| Sample Details | Plasma positive for Lupus Anticoagulant (LA Ratio approx. >2.0) | | |
| Prior Use | Prior Use: None | | |
| Unit | MPL, U/mL, µg/mL, CU/mL | | |
| Expiry Date | 31-July-2026 | | |
| Homogeneity | 0.2 % | Homogeneity Parameter | LA ratio |
| | For any method used for the measurement of this parameter with a CV ≤ 0.7% the criterion for homogeneity could not be met and the Z-scores should be interpreted with caution. See for further details the paragraph on the statistical evaluation in the Survey Manual. | | |
| Number of Participants | 626 | | |
| Number of Responders | 218 | Response Rate | 35 % |

| Classification | Negative | Borderline | Low Positive | Medium Positive | High Positive | No Conclusion |
|----------------|----------|------------|--------------|-----------------|---------------|---------------|
| Total | 218 | 0 | 1 | 0 | 0 | 0 |

| IgG | n | assigned value | CV (%) | range | Test System 1 Result | z-score | Test System 2 Result | z-score | Test System 3 Result | z-score |
|-------------------------------------|-----|----------------|--------|------------|----------------------|---------|----------------------|---------|----------------------|---------|
| U/mL, µg/mL, GPL/MPL | 114 | 2.7 | 50.8 | 0.2 - 10.0 | | | | | | |
| Aeskulisa Diagnostic GmbH | 6 | 3.0 | | 1.2 - 10.0 | | | | | | |
| Orgentec (Alegria) | 12 | 0.8 | 21.1 | 0.5 - 2.2 | | | | | | |
| Orgentec (Elisa) | 14 | 1.1 | 48.5 | 0.2 - 2.1 | | | | | | |
| Thermo Scientific EliA | 66 | 3.3 | 17.7 | 1.5 - 4.3 | | | | | | |
| CU/mL | 77 | 2.6 | 15.3 | 1.8 - 6.1 | | | | | | |
| Werfen Acustar / INOVA Quanta Flash | 77 | 2.6 | 15.3 | 1.8 - 6.1 | | | | | | |

MPL, U/mL, µg/mL



Comments

Most of the participants reported a negative classification.

Please be aware of the selection of the correct unit for the method group "Werfen Acustar / INOVA Quanta Flash". Since there is an order of magnitude difference between the results of the method "IL Acustar / INOVA Quanta Flash" from the other methods, it is expressed in the report as CU/mL instead of U/mL. For all other methods the unit U/mL should be selected.

The following participant reported a deviating result which was excluded in the statistical evaluation:

176 : 201.8 CU/mL

The result of 1 participant (**labcode 1353**) was excluded because they reported the result with an incorrect unit (ratio instead U/mL).

Because it is unknown whether participants have used undiluted or diluted ECAT plasma to measure Anti-Cardiolipin Antibodies IgM, no performance assessment was performed.

Lupus Anticoagulant

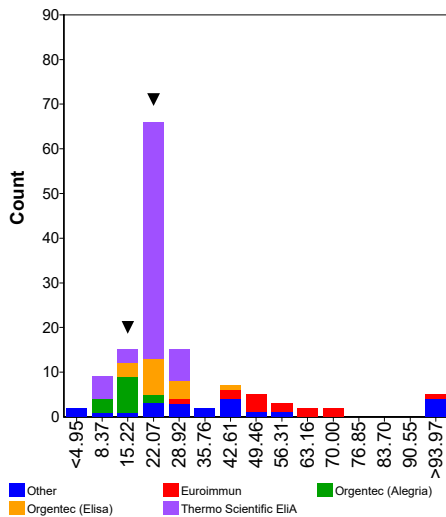
β2-Glycoprotein I Antibodies IgG

| | | | |
|-------------------------------|---|------------------------------|----------|
| Sample No | 24.238 | | |
| Sample Details | Plasma positive for Lupus Anticoagulant (LA Ratio approx. >2.0) | | |
| Prior Use | Prior Use: None | | |
| Unit | U, U/mL, µg/mL, CU/mL | | |
| Expiry Date | 31-July-2026 | | |
| Homogeneity | 0.2 % | Homogeneity Parameter | LA ratio |
| | For any method used for the measurement of this parameter with a CV ≤ 0.7% the criterion for homogeneity could not be met and the Z-scores should be interpreted with caution. See for further details the paragraph on the statistical evaluation in the Survey Manual. | | |
| Number of Participants | 626 | | |
| Number of Responders | 220 | Response Rate | 35 % |

| Classification | Negative | Borderline | Low Positive | Medium Positive | High Positive | No Conclusion |
|----------------|----------|------------|--------------|-----------------|---------------|---------------|
| Total | 6 | 6 | 44 | 55 | 111 | 1 |

| IgG | n | assigned value | CV (%) | range | Test System 1 Result | z-score | Test System 2 Result | z-score | Test System 3 Result | z-score |
|-------------------------------------|-----|----------------|--------|----------------|----------------------|---------|----------------------|---------|----------------------|---------|
| U, U/mL, µg/mL | 133 | 24.6 | 36.7 | 2.0 - 467.6 | 18.5 | | 20.6 | | | |
| Aeskulisa Diagnostic GmbH | 6 | 17.8 | | 2.0 - 57.5 | | | | | | |
| Euroimmun | 14 | 55.3 | 23.3 | 26.6 - 421.3 | | | | | | |
| Orgentec (Alegria) | 13 | 16.1 | 23.0 | 8.8 - 19.9 | | | | | | |
| Orgentec (Elisa) | 16 | 23.5 | 23.1 | 15.1 - 41.4 | 18.5 | | 20.6 | | | |
| Thermo Scientific EliA | 68 | 22.6 | 12.1 | 8.1 - 30.0 | | | | | | |
| Werfen INOVA Quanta Lite | 8 | 40.9 | | 25.0 - 50.7 | | | | | | |
| CU/mL | 81 | 1069.4 | 14.1 | 503.0 - 1470.9 | | | | | | |
| Werfen Acustar / INOVA Quanta Flash | 79 | 1071.2 | 13.8 | 503.0 - 1470.9 | | | | | | |

U, U/mL, µg/mL



Comments

A positive classification has been observed by the majority of participants (95%), half of the participants classified the sample as "High Positive".

Please be aware of the selection of the correct unit for the method group "Werfen Acustar / INOVA Quanta Flash". Since there is an order of magnitude difference between the results of the method "IL Acustar / INOVA Quanta Flash" from the other methods, it is expressed in the report as CU/mL instead of U/mL.

The following participants reported deviating results which were excluded in the statistical evaluation:

174 : 11 CU/mL

310 : 2.8 U/mL

Because it is unknown whether participants have used undiluted or diluted ECAT plasma to measure Anti-beta2-Glycoprotein I Antibodies IgG, no performance assessment was performed.

Lupus Anticoagulant

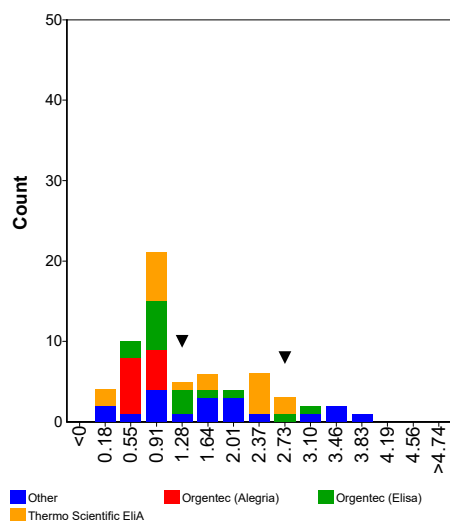
β2-Glycoprotein I Antibodies IgM

Sample No 24.238
Sample Details Plasma positive for Lupus Anticoagulant (LA Ratio approx. >2.0)
Prior Use Prior Use: None
Unit U, U/mL, µg/mL, CU/mL
Expiry Date 31-July-2026
Homogeneity 0.2 % **Homogeneity Parameter** LA ratio
 For any method used for the measurement of this parameter with a **CV ≤ 0.7%** the criterion for homogeneity could not be met and the Z-scores should be interpreted with caution. See for further details the paragraph on the statistical evaluation in the Survey Manual.
Number of Participants 626
Number of Responders 202 **Response Rate** 32 %

| Classification | Negative | Borderline | Low Positive | Medium Positive | High Positive | No Conclusion |
|----------------|----------|------------|--------------|-----------------|---------------|---------------|
| Total | 203 | 0 | 1 | 0 | 0 | 0 |

| igG | n | assigned value | CV (%) | range | Test System 1 Result | z-score | Test System 2 Result | z-score | Test System 3 Result | z-score |
|-------------------------------------|----|----------------|--------|-----------|----------------------|---------|----------------------|---------|----------------------|---------|
| U, U/mL, µg/mL | 64 | 1.3 | 68.5 | 0.0 - 3.9 | 1.2 | | 2.6 | | | |
| Aeskulisa Diagnostic GmbH | 6 | 2.0 | | 1.0 - 3.4 | | | | | | |
| Euroimmun | 5 | 2.0 | | 1.0 - 3.9 | | | | | | |
| Orgentec (Alegria) | 12 | 0.7 | 14.1 | 0.4 - 0.8 | | | | | | |
| Orgentec (Elisa) | 15 | 1.2 | 45.6 | 0.6 - 3.0 | 1.2 | | 2.6 | | | |
| Thermo Scientific ELIA | 18 | 1.5 | 68.7 | 0.0 - 2.9 | | | | | | |
| CU/mL | 45 | 1.1 | 10.8 | 0.8 - 2.4 | | | | | | |
| Werfen Acustar / INOVA Quanta Flash | 45 | 1.1 | 10.8 | 0.8 - 2.4 | | | | | | |

U, U/mL, µg/mL



Comments

Most of the participants reported a negative classification.

Please be aware of the selection of the correct unit for the method group "Werfen Acustar / INOVA Quanta Flash". Since there is an order of magnitude difference between the results of the method "IL Acustar / INOVA Quanta Flash" from the other methods, it is expressed in the report as CU/mL instead of U/mL.

The following participant reported a deviating result which was excluded in the statistical evaluation:

9907261 : 26.8 U/mL

Because it is unknown whether participants have used undiluted or diluted ECAT plasma to measure Anti-beta2-Glycoprotein I Antibodies IgM, no performance assessment was performed.