

G6PD 定量檢驗內部品管統計結果及 SDI 分佈圖

選擇 LotNo : BA1116N (2022-04-26 ~ 2100-12-31) Change

列印圖表

檢驗單位 : Lab029

| QC Control Lot No. | Control N | | Control D | |
|--------------------|-----------------|-----------------------------|-----------------|-----------------------------|
| | BA1116N | | BA1116D | |
| 檢驗期間 | Month (2023/06) | CUM (2023/01/31~2023/06/30) | Month (2023/06) | CUM (2023/01/31~2023/06/30) |
| 累計點數 (N) | 4 | 24 | 4 | 24 |
| 累計平均值 (Mean) U/gHb | 15.5 | 15.2 | 5.7 | 5.4 |
| 累計標準差 (SD) | 0.4 | 0.6 | 0.2 | 0.3 |
| 累計變異係數 (CV) % | 2.6 | 3.9 | 3.5 | 5.6 |
| 目標值 (Target) U/gHb | 15.6 | 15.6 | 5.4 | 5.4 |
| 總誤差 (TE) % | 5.8 | 10.5 | 12.6 | 11.1 |
| 可容許總誤差 (TEa) % | 20 | 20 | 20 | 20 |
| σ | >6 | 4.5 | 4.1 | 3.6 |

誤差 (Bias)% = $\{ [| \text{累計平均值 (Mean)} - \text{目標值 (Target)} |] / \text{目標值 (Target)} \} \times 100\%$
 總誤差 (TE, Total Error)% = 誤差 (Bias)% + 2 × 累計變異係數 (CV)
 σ (Sigma) = (TEa% - 誤差 (Bias)%) / 累計變異係數 (CV)

月統計 : 2023 06 Change ; 累計期間 (CUM) : 自 2023 01 31 至 2023 06 30 Change

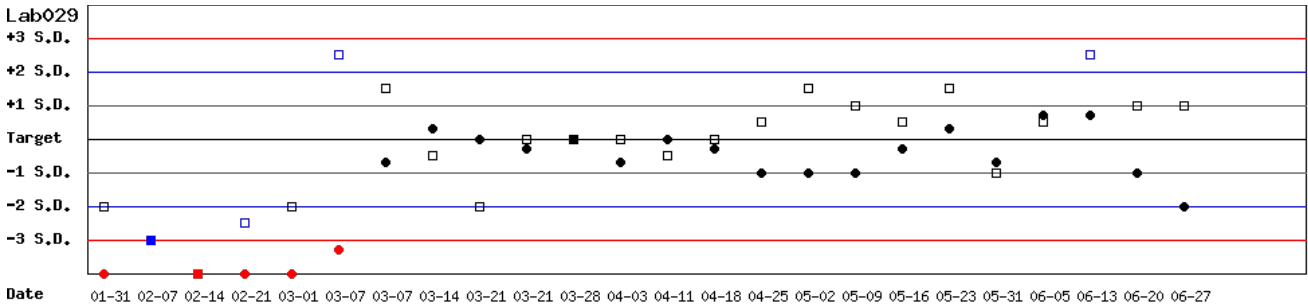
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Control N 及 Control D SDI 分佈圖

Lot No.: BA1116N; 檢驗期間: 2023-01-31 至 2023-06-30; 目標值 (Target): 15.6; 參考標準差 (SD): 0.30 (●)

Lot No.: BA1116D; 檢驗期間: 2023-01-31 至 2023-06-30; 目標值 (Target): 5.4; 參考標準差 (SD): 0.20 (□)

單位: Lab029



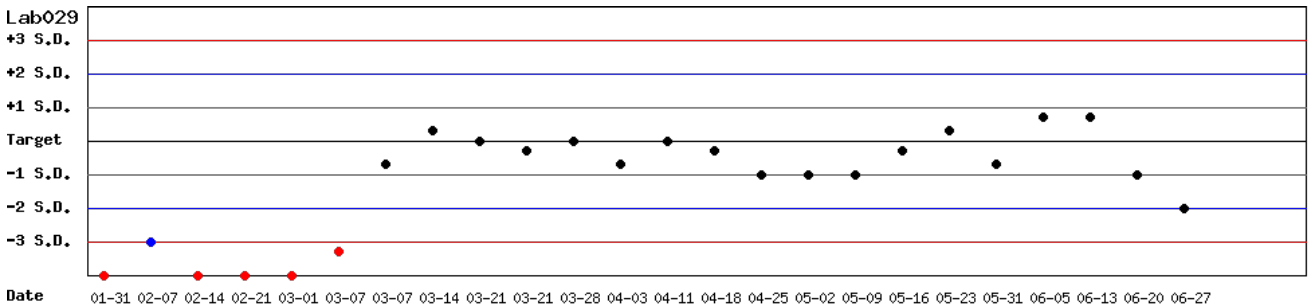
月統計 : 2023 06 Change ; 累計期間 (CUM) : 自 2023 01 31 至 2023 06 30 Change

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Control N SDI 分佈圖

Lot No.: BA1116N; 檢驗期間: 2023-01-31 至 2023-06-30; 目標值 (Target): 15.6; 參考標準差 (SD): 0.30

單位: Lab029



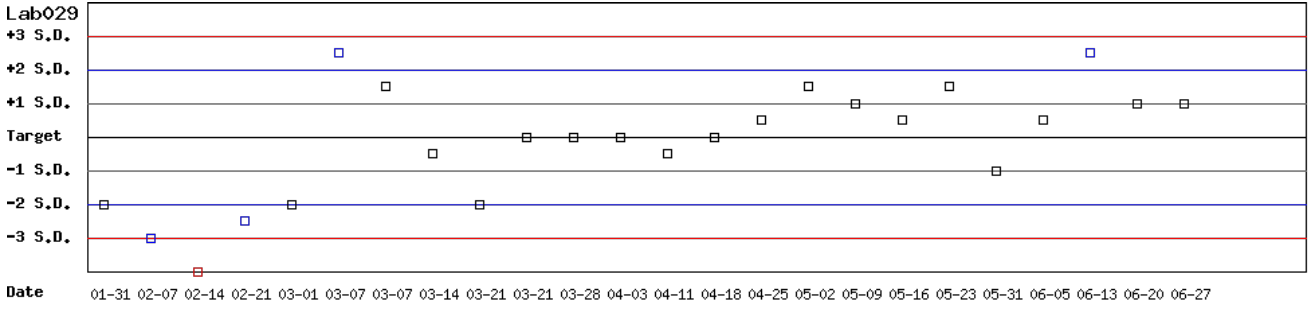
月統計 : 2023 06 Change ; 累計期間 (CUM) : 自 2023 01 31 至 2023 06 30 Change

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Control D SDI 分佈圖

Lot No.: BA1116D ; 檢驗期間 : 2023-01-31 至 2023-06-30 ; 目標值 (Target) : 5.4 ; 參考標準差 (SD) : 0.20

單位 : Lab029



月統計 : ; 累計期間 (CUM) : 自 至

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各檢驗單位 G6PD 定量檢驗 內部品管統計結果 (總表一)

選擇 LotNo : BA1116N (2022-04-26 ~ 2100-12-31) Change

選擇 Reagent Kit : 3 - Innovation Change

[列印總表一](#)

月統計表

統計月份 : 2023 06 Change

| UnitID ↑ | Reagent Kit (Code) ↑ | Control N (Lot No.: BA1116N) | | | | | | | | Control D (Lot No.: BA1116D) | | | | | | | |
|------------------------|-----------------------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
| | | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ |
| Lab011 | 3 | 14.1 | 13.0 | 4 | 0.7 | 5.4 | 18.6 | 20 | 2.3 | 4.5 | 4.8 | 4 | 0.3 | 6.3 | 19.2 | 20 | 2.1 |
| Lab013 | 3 | 15.1 | 15.3 | 8 | 0.2 | 1.3 | 3.9 | 20 | >6 | 5.4 | 5.4 | 8 | 0.2 | 3.7 | 7.4 | 20 | 5.4 |
| Lab014 | 3 | 14.4 | 14.2 | 9 | 0.2 | 1.4 | 4.2 | 20 | >6 | 5.7 | 5.5 | 9 | 0.2 | 3.6 | 10.8 | 20 | 4.6 |
| Lab016 | 3 | 12.8 | 12.6 | 4 | 0.5 | 4.0 | 9.5 | 20 | 4.6 | 4.2 | 4.2 | 4 | 0.1 | 2.4 | 4.8 | 20 | >6 |
| Lab029 | 3 | 15.6 | 15.5 | 4 | 0.4 | 2.6 | 5.8 | 20 | >6 | 5.4 | 5.7 | 4 | 0.2 | 3.5 | 12.6 | 20 | 4.1 |
| Total | - | - | 14.3 | 29 | 1.1 | 7.7 | - | - | - | - | 5.2 | 29 | 0.5 | 9.6 | - | - | - |

誤差 (Bias)% = { [| 累計平均值 (Mean) - 目標值 (Target) |] / 目標值 (Target) } x 100%

總誤差 (TE, Total Error)% = 誤差 (Bias)% + 2 x 累計變異係數 (CV)

σ (Sigma) = (TEa% - 誤差 (Bias)%) / 累計變異係數 (CV)

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累計統計表

累計期間 : 自 2022 06 01 至 2023 06 30 Change

| UnitID ↑ | Reagent Kit (Code) ↑ | Control N (Lot No.: BA1116N) | | | | | | | | Control D (Lot No.: BA1116D) | | | | | | | |
|------------------------|-----------------------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
| | | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ |
| Lab011 | 3 | 14.1 | 13.0 | 4 | 0.7 | 5.4 | 18.6 | 20 | 2.3 | 4.5 | 4.8 | 4 | 0.3 | 6.3 | 19.2 | 20 | 2.1 |
| Lab013 | 3 | 15.1 | 15.4 | 47 | 0.2 | 1.3 | 4.6 | 20 | >6 | 5.4 | 5.5 | 47 | 0.2 | 3.6 | 9.1 | 20 | 5.0 |
| Lab014 | 3 | 14.4 | 14.3 | 67 | 0.3 | 2.1 | 4.9 | 20 | >6 | 5.7 | 5.6 | 67 | 0.2 | 3.6 | 8.9 | 20 | 5.1 |
| Lab016 | 3 | 12.8 | 12.6 | 34 | 0.4 | 3.2 | 7.9 | 20 | 5.8 | 4.2 | 4.2 | 34 | 0.1 | 2.4 | 4.8 | 20 | >6 |
| Lab029 | 3 | 15.6 | 15.2 | 24 | 0.6 | 3.9 | 10.5 | 20 | 4.5 | 5.4 | 5.4 | 24 | 0.3 | 5.6 | 11.1 | 20 | 3.6 |
| Total | - | - | 14.3 | 176 | 1.1 | 7.7 | - | - | - | - | 5.2 | 176 | 0.6 | 11.5 | - | - | - |

誤差 (Bias)% = { [| 累計平均值 (Mean) - 目標值 (Target) |] / 目標值 (Target) } x 100%

總誤差 (TE, Total Error)% = 誤差 (Bias)% + 2 x 累計變異係數 (CV)

σ (Sigma) = (TEa% - 誤差 (Bias)%) / 累計變異係數 (CV)

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| Reagent Kit | Reagent Code |
|-------------|--------------|
| Innovation | 3 |

各檢驗單位 G6PD 定量檢驗 內部品管統計結果 (總表二)

選擇 LotNo : BA1116N (2022-04-26 ~ 2100-12-31) Change

選擇 Reagent Kit : 3 - Innovation Change

[列印總表二](#)

Control N 月統計與累計統計之比較表

| Control N (Lot No.: BA1116N) | | | | | | | | | | | | | | | | | |
|------------------------------|-----------------------------------|-----------------|--------------|------------|-----|--------|--------|---------|----------|-----------------------------|--------------|------------|-----|--------|--------|---------|----------|
| | | Month (2023/06) | | | | | | | | CUM (2022/06/01~2023/06/30) | | | | | | | |
| UnitID ↑ | Reagent Kit (Code) ↑ | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ |
| Lab011 | 3 | 14.1 | 13.0 | 4 | 0.7 | 5.4 | 18.6 | 20 | 2.3 | 14.1 | 13.0 | 4 | 0.7 | 5.4 | 18.6 | 20 | 2.3 |
| Lab013 | 3 | 15.1 | 15.3 | 8 | 0.2 | 1.3 | 3.9 | 20 | >6 | 15.1 | 15.4 | 47 | 0.2 | 1.3 | 4.6 | 20 | >6 |
| Lab014 | 3 | 14.4 | 14.2 | 9 | 0.2 | 1.4 | 4.2 | 20 | >6 | 14.4 | 14.3 | 67 | 0.3 | 2.1 | 4.9 | 20 | >6 |
| Lab016 | 3 | 12.8 | 12.6 | 4 | 0.5 | 4.0 | 9.5 | 20 | 4.6 | 12.8 | 12.6 | 34 | 0.4 | 3.2 | 7.9 | 20 | 5.8 |
| Lab029 | 3 | 15.6 | 15.5 | 4 | 0.4 | 2.6 | 5.8 | 20 | >6 | 15.6 | 15.2 | 24 | 0.6 | 3.9 | 10.5 | 20 | 4.5 |
| Total | - | - | 14.3 | 29 | 1.1 | 7.7 | - | - | - | - | 14.3 | 176 | 1.1 | 7.7 | - | - | - |

誤差 (Bias)% = $\{ [| \text{累計平均值 (Mean)} - \text{目標值 (Target)} |] / \text{目標值 (Target)} \} \times 100\%$

總誤差 (TE, Total Error)% = 誤差 (Bias)% + 2 × 累計變異係數 (CV)

σ (Sigma) = (TEa% - 誤差 (Bias)%) / 累計變異係數 (CV)

月統計 : 2023 06 Change 累計期間 (CUM) : 自 2022 06 01 至 2023 06 30 Change

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Control D 月統計與累計統計之比較表

| Control D (Lot No.: BA1116D) | | | | | | | | | | | | | | | | | |
|------------------------------|-----------------------------------|-----------------|--------------|------------|-----|--------|--------|---------|----------|-----------------------------|--------------|------------|-----|--------|--------|---------|----------|
| | | Month (2023/06) | | | | | | | | CUM (2022/06/01~2023/06/30) | | | | | | | |
| UnitID ↑ | Reagent Kit (Code) ↑ | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ | Target (U/gHb) | Mean (U/gHb) | n for Mean | SD | CV (%) | TE (%) | TEa (%) | σ |
| Lab011 | 3 | 4.5 | 4.8 | 4 | 0.3 | 6.3 | 19.2 | 20 | 2.1 | 4.5 | 4.8 | 4 | 0.3 | 6.3 | 19.2 | 20 | 2.1 |
| Lab013 | 3 | 5.4 | 5.4 | 8 | 0.2 | 3.7 | 7.4 | 20 | 5.4 | 5.4 | 5.5 | 47 | 0.2 | 3.6 | 9.1 | 20 | 5.0 |
| Lab014 | 3 | 5.7 | 5.5 | 9 | 0.2 | 3.6 | 10.8 | 20 | 4.6 | 5.7 | 5.6 | 67 | 0.2 | 3.6 | 8.9 | 20 | 5.1 |
| Lab016 | 3 | 4.2 | 4.2 | 4 | 0.1 | 2.4 | 4.8 | 20 | >6 | 4.2 | 4.2 | 34 | 0.1 | 2.4 | 4.8 | 20 | >6 |
| Lab029 | 3 | 5.4 | 5.7 | 4 | 0.2 | 3.5 | 12.6 | 20 | 4.1 | 5.4 | 5.4 | 24 | 0.3 | 5.6 | 11.1 | 20 | 3.6 |
| Total | - | - | 5.2 | 29 | 0.5 | 9.6 | - | - | - | - | 5.2 | 176 | 0.6 | 11.5 | - | - | - |

誤差 (Bias)% = $\{ [| \text{累計平均值 (Mean)} - \text{目標值 (Target)} |] / \text{目標值 (Target)} \} \times 100\%$

總誤差 (TE, Total Error)% = 誤差 (Bias)% + 2 × 累計變異係數 (CV)

σ (Sigma) = (TEa% - 誤差 (Bias)%) / 累計變異係數 (CV)

月統計 : 2023 06 Change 累計期間 (CUM) : 自 2022 06 01 至 2023 06 30 Change

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| Reagent Kit | Reagent Code |
|-------------|--------------|
| Innovation | 3 |