

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 : **Lab006**

| QC Control Lot No. | Control N | | Control D | |
|--------------------|-----------------|-----------------------------|-----------------|-----------------------------|
| | BA1116N | | BA1116D | |
| 檢驗期間 | Month (2024/11) | CUM (2024/08/12~2024/11/29) | Month (2024/11) | CUM (2024/08/12~2024/11/29) |
| 累計點數 (N) | 8 | 26 | 8 | 26 |
| 累計平均值 (Mean) U/gHb | 14.1 | 14.6 | 4.5 | 4.7 |
| 累計標準差 (SD) | 0.6 | 0.5 | 0.1 | 0.2 |
| 累計變異係數 (CV) % | 4.3 | 3.4 | 2.2 | 4.3 |
| 目標值 (Target) U/gHb | 14.6 | 14.6 | 4.5 | 4.5 |
| 總誤差 (TE) % | 11.9 | 6.8 | 4.4 | 13.0 |
| 可容許總誤差 (TEa) % | 20 | 20 | 20 | 20 |
| σ | 3.9 | 5.9 | >6 | 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 : 2024 11 Change ; 累計期間 (CUM) : 自 2024 08 12 至 2024 11 29 Change

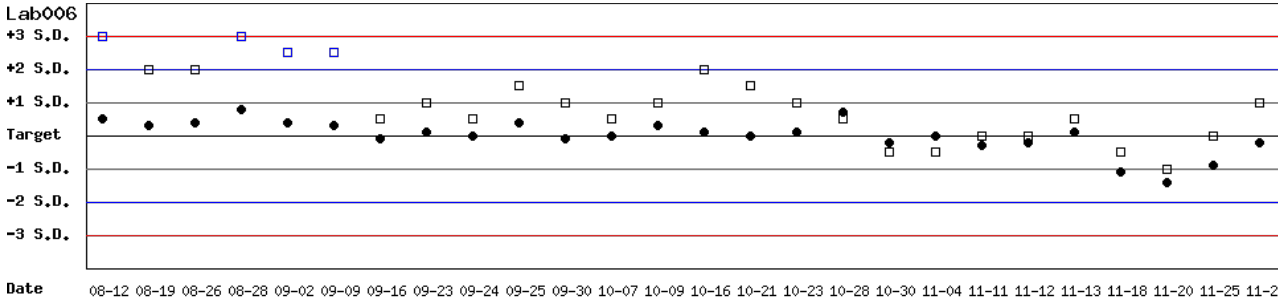
[TOP](#)

Control N 及 Control D SDI 分佈圖

Lot No.: BA1116N; 檢驗期間: 2024-08-12 至 2024-11-29; 目標值 (Target): 14.6; 參考標準差 (SD): 1.00 (●)

Lot No.: BA1116D; 檢驗期間: 2024-08-12 至 2024-11-29; 目標值 (Target): 4.5; 參考標準差 (SD): 0.20 (□)

單位: Lab006



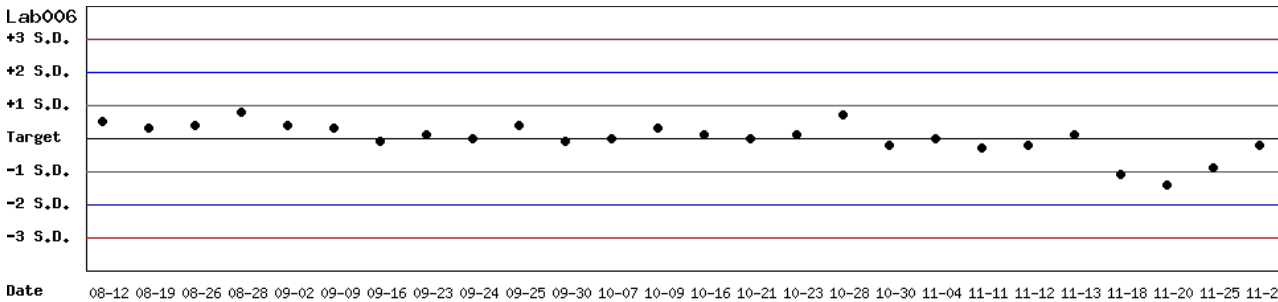
月統計 : 2024 11 Change ; 累計期間 (CUM) : 自 2024 08 12 至 2024 11 29 Change

[TOP](#)

Control N SDI 分佈圖

Lot No.: BA1116N; 檢驗期間: 2024-08-12 至 2024-11-29; 目標值 (Target): 14.6; 參考標準差 (SD): 1.00

單位: Lab006



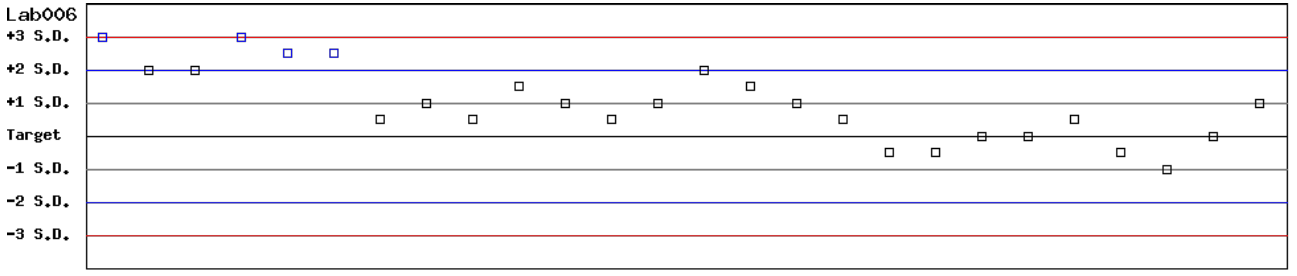
月統計 : 2024 11 Change ; 累計期間 (CUM) : 自 2024 08 12 至 2024 11 29 Change

[TOP](#)

Control D SDI 分佈圖

Lot No.: BA1116D; 檢驗期間: 2024-08-12 至 2024-11-29; 目標值 (Target): 4.5; 參考標準差 (SD): 0.20

單位: Lab006



Date 08-12 08-19 08-26 08-28 09-02 09-09 09-16 09-23 09-24 09-25 09-30 10-07 10-09 10-16 10-21 10-23 10-28 10-30 11-04 11-11 11-12 11-13 11-18 11-20 11-25 11-27

月統計: 2024 11 Change ; 累計期間 (CUM): 自 2024 08 12 至 2024 11 29 Change

[\[TOP\]](#)

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 : 4 - Lanner Change

[列印總表一](#)

月統計表

統計月份 : 2024 11 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 |
| Lab006 | 4 | 14.6 | 14.1 | 8 | 0.6 | 4.3 | 11.9 | 20 | 3.9 | 4.5 | 4.5 | 8 | 0.1 | 2.2 | 4.4 | 20 | >6 |
| Lab007 | 4 | 15.1 | 15.6 | 9 | 1.0 | 6.4 | 16.1 | 20 | 2.6 | 4.8 | 5.0 | 9 | 0.4 | 8.0 | 20.2 | 20 | 2.0 |
| Lab008 | 4 | 14.2 | 13.7 | 8 | 0.7 | 5.1 | 13.7 | 20 | 3.2 | 4.5 | 4.4 | 8 | 0.2 | 4.5 | 11.3 | 20 | 4.0 |
| Lab010 | 4 | 14.9 | 15.5 | 3 | 0.2 | 1.3 | 6.6 | 20 | >6 | 4.8 | 4.7 | 3 | 0.1 | 2.1 | 6.3 | 20 | >6 |
| Lab012 | 4 | 16.0 | 16.7 | 3 | 0.3 | 1.8 | 8.0 | 20 | >6 | 5.1 | 5.0 | 3 | 0.1 | 2.0 | 6.0 | 20 | >6 |
| Total | - | - | 14.8 | 31 | 1.2 | 8.1 | - | - | - | - | 4.7 | 31 | 0.4 | 8.5 | - | - | - |

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)

[\[TOP\]](#)

累計統計表

累計期間 : 自 2022 06 01 至 2024 11 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 |
| Lab006 | 4 | 14.6 | 14.6 | 105 | 0.4 | 2.7 | 5.5 | 20 | >6 | 4.5 | 4.8 | 105 | 0.3 | 6.3 | 19.2 | 20 | 2.1 |
| Lab007 | 4 | 15.1 | 15.5 | 191 | 0.9 | 5.8 | 14.3 | 20 | 3.0 | 4.8 | 5.0 | 191 | 0.4 | 8.0 | 20.2 | 20 | 2.0 |
| Lab008 | 4 | 14.2 | 14.3 | 96 | 0.5 | 3.5 | 7.7 | 20 | 5.5 | 4.5 | 4.7 | 96 | 0.3 | 6.4 | 17.2 | 20 | 2.4 |
| Lab010 | 4 | 14.9 | 14.9 | 52 | 0.4 | 2.7 | 5.4 | 20 | >6 | 4.8 | 4.8 | 52 | 0.6 | 12.5 | 25.0 | 20 | 1.6 |
| Lab011 | 4 | 15.2 | 14.6 | 21 | 0.3 | 2.1 | 8.1 | 20 | >6 | 5.4 | 3.9 | 21 | 0.2 | 5.1 | 38.0 | 20 | -1.5 |
| Lab012 | 4 | 16.0 | 15.0 | 166 | 0.8 | 5.3 | 16.9 | 20 | 2.6 | 5.1 | 5.1 | 166 | 0.4 | 7.8 | 15.7 | 20 | 2.6 |
| Total | - | - | 14.9 | 631 | 0.8 | 5.4 | - | - | - | - | 4.9 | 631 | 0.4 | 8.2 | - | - | - |

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)

[\[TOP\]](#)

| Reagent Kit | Reagent Code |
|-------------|--------------|
| Lanner | 4 |

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 : 4 - Lanner 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 (2024/11) | | | | | | | | CUM (2022/06/01~2024/11/30) | | | | | | | |
| 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 |
| Lab006 | 4 | 14.6 | 14.1 | 8 | 0.6 | 4.3 | 11.9 | 20 | 3.9 | 14.6 | 14.6 | 105 | 0.4 | 2.7 | 5.5 | 20 | >6 |
| Lab007 | 4 | 15.1 | 15.6 | 9 | 1.0 | 6.4 | 16.1 | 20 | 2.6 | 15.1 | 15.5 | 191 | 0.9 | 5.8 | 14.3 | 20 | 3.0 |
| Lab008 | 4 | 14.2 | 13.7 | 8 | 0.7 | 5.1 | 13.7 | 20 | 3.2 | 14.2 | 14.3 | 96 | 0.5 | 3.5 | 7.7 | 20 | 5.5 |
| Lab010 | 4 | 14.9 | 15.5 | 3 | 0.2 | 1.3 | 6.6 | 20 | >6 | 14.9 | 14.9 | 52 | 0.4 | 2.7 | 5.4 | 20 | >6 |
| Lab011 | 4 | 15.2 | - | 0 | - | - | - | 20 | - | 15.2 | 14.6 | 21 | 0.3 | 2.1 | 8.1 | 20 | >6 |
| Lab012 | 4 | 16.0 | 16.7 | 3 | 0.3 | 1.8 | 8.0 | 20 | >6 | 16.0 | 15.0 | 166 | 0.8 | 5.3 | 16.9 | 20 | 2.6 |
| Total | - | - | 14.8 | 31 | 1.2 | 8.1 | - | - | - | - | 14.9 | 631 | 0.8 | 5.4 | - | - | - |

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 × 累計變異係數 (CV)

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

月統計 : 2024 ▼ 11 ▼ Change 累計期間 (CUM) : 自 2022 ▼ 06 ▼ 01 ▼ 至 2024 ▼ 11 ▼ 30 ▼ Change

[TOP](#)

Control D 月統計與累計統計之比較表

| | | Control D (Lot No.: BA1116D) | | | | | | | | | | | | | | | |
|------------------------|-----------------------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|-----------------------------|--------------|------------|-----|--------|--------|---------|------|
| | | Month (2024/11) | | | | | | | | CUM (2022/06/01~2024/11/30) | | | | | | | |
| 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 |
| Lab006 | 4 | 4.5 | 4.5 | 8 | 0.1 | 2.2 | 4.4 | 20 | >6 | 4.5 | 4.8 | 105 | 0.3 | 6.3 | 19.2 | 20 | 2.1 |
| Lab007 | 4 | 4.8 | 5.0 | 9 | 0.4 | 8.0 | 20.2 | 20 | 2.0 | 4.8 | 5.0 | 191 | 0.4 | 8.0 | 20.2 | 20 | 2.0 |
| Lab008 | 4 | 4.5 | 4.4 | 8 | 0.2 | 4.5 | 11.3 | 20 | 4.0 | 4.5 | 4.7 | 96 | 0.3 | 6.4 | 17.2 | 20 | 2.4 |
| Lab010 | 4 | 4.8 | 4.7 | 3 | 0.1 | 2.1 | 6.3 | 20 | >6 | 4.8 | 4.8 | 52 | 0.6 | 12.5 | 25.0 | 20 | 1.6 |
| Lab011 | 4 | 5.4 | - | 0 | - | - | - | 20 | - | 5.4 | 3.9 | 21 | 0.2 | 5.1 | 38.0 | 20 | -1.5 |
| Lab012 | 4 | 5.1 | 5.0 | 3 | 0.1 | 2.0 | 6.0 | 20 | >6 | 5.1 | 5.1 | 166 | 0.4 | 7.8 | 15.7 | 20 | 2.6 |
| Total | - | - | 4.7 | 31 | 0.4 | 8.5 | - | - | - | - | 4.9 | 631 | 0.4 | 8.2 | - | - | - |

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 × 累計變異係數 (CV)

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

月統計 : 2024 ▼ 11 ▼ Change 累計期間 (CUM) : 自 2022 ▼ 06 ▼ 01 ▼ 至 2024 ▼ 11 ▼ 30 ▼ Change

[TOP](#)

| Reagent Kit | Reagent Code |
|-------------|--------------|
| Lanner | 4 |