

# G6PD 定量檢驗內部品管統計結果及 SDI 分佈圖

選擇 LotNo : BJ0922N (2021-01-01 ~ 2100-12-31) Change

列印圖表

檢驗單位 : **Lab004**

| QC Control Lot No. | Control N       |                             | Control D       |                             |
|--------------------|-----------------|-----------------------------|-----------------|-----------------------------|
|                    | BJ0922N         |                             | BJ0922D         |                             |
| 檢驗期間               | Month (2022/05) | CUM (2021/11/24~2022/05/31) | Month (2022/05) | CUM (2021/11/24~2022/05/31) |
| 累計點數 (N)           | 4               | 26                          | 4               | 26                          |
| 累計平均值 (Mean) U/gHb | 15.9            | 16.2                        | 5.2             | 5.2                         |
| 累計標準差 (SD)         | 0.2             | 0.3                         | 0.2             | 0.2                         |
| 累計變異係數 (CV) %      | 1.3             | 1.9                         | 3.8             | 3.8                         |
| 目標值 (Target) U/gHb | 16.2            | 16.2                        | 5.2             | 5.2                         |
| 總誤差 (TE) %         | 4.4             | 3.7                         | 7.7             | 7.7                         |
| 可容許總誤差 (TEa) %     | 20              | 20                          | 20              | 20                          |
| $\sigma$           | >6              | >6                          | 5.3             | 5.3                         |

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

月統計 : 2022 05 Change ; 累計期間 (CUM) : 自 2021 11 24 至 2022 05 31 Change

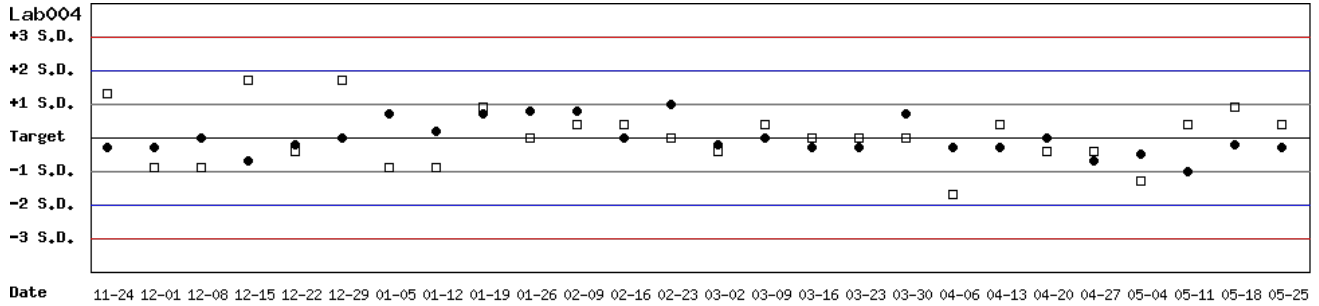
[\[TOP\]](#)

## Control N 及 Control D SDI 分佈圖

Lot No.: BJ0922N; 檢驗期間 : 2021-11-24 至 2022-05-31; 目標值 (Target) : 16.2; 參考標準差 (SD) : 0.60 (●)

Lot No.: BJ0922D; 檢驗期間 : 2021-11-24 至 2022-05-31; 目標值 (Target) : 5.2; 參考標準差 (SD) : 0.23 (□)

單位 : Lab004



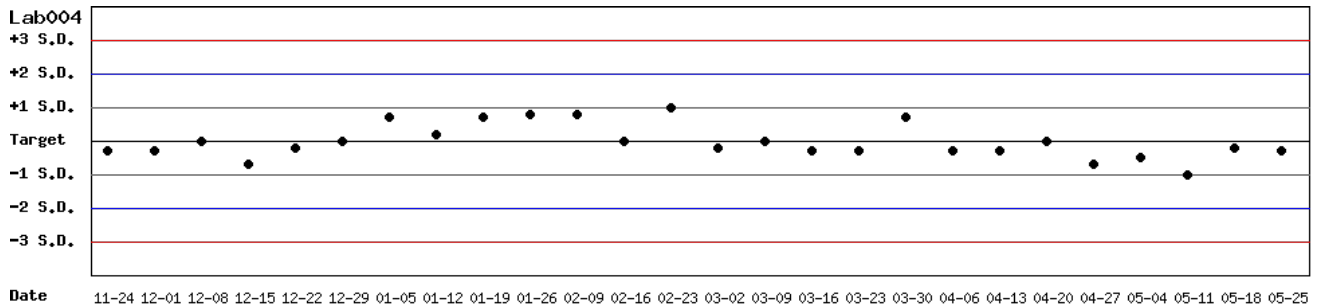
月統計 : 2022 05 Change ; 累計期間 (CUM) : 自 2021 11 24 至 2022 05 31 Change

[\[TOP\]](#)

## Control N SDI 分佈圖

Lot No.: BJ0922N; 檢驗期間 : 2021-11-24 至 2022-05-31; 目標值 (Target) : 16.2; 參考標準差 (SD) : 0.60

單位 : Lab004



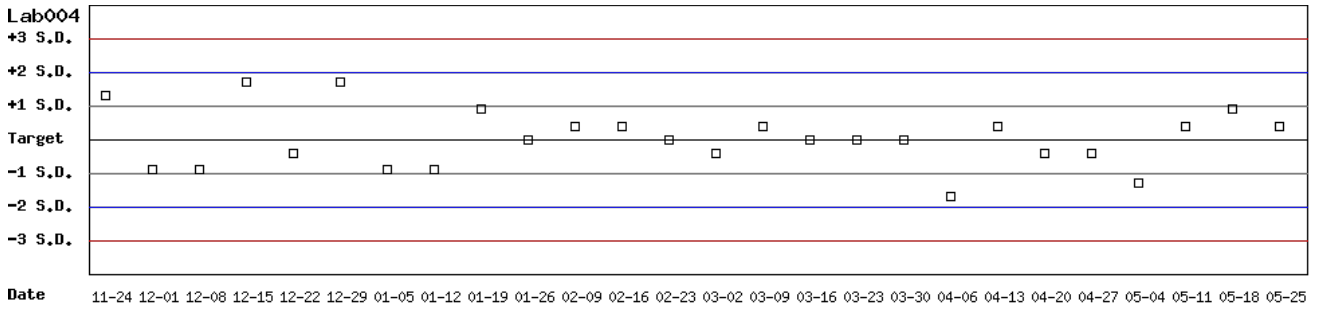
月統計 : 2022 05 Change ; 累計期間 (CUM) : 自 2021 11 24 至 2022 05 31 Change

[\[TOP\]](#)

## Control D SDI 分佈圖

Lot No.: BJ0922D; 檢驗期間: 2021-11-24 至 2022-05-31; 目標值 (Target): 5.2; 參考標準差 (SD): 0.23

單位: Lab004



月統計: 2022 ▾ 05 ▾ Change ; 累計期間 (CUM): 自 2021 ▾ 11 ▾ 24 ▾ 至 2022 ▾ 05 ▾ 31 ▾ 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 : BJ0922N (2021-01-01 ~ 2100-12-31) Change

選擇 Reagent Kit : 3 - Innovation Change

[列印總表一](#)

## 月統計表

統計月份 : 2022 05 Change

| UnitID                 | Reagent Kit (Code) | Control N (Lot No.: BJ0922N) |              |            |     |        |        |         |     | Control D (Lot No.: BJ0922D) |              |            |     |        |        |         |     |
|------------------------|--------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
|                        |                    | 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   |
| <a href="#">Lab004</a> | 3                  | 16.2                         | 15.9         | 4          | 0.2 | 1.3    | 4.4    | 20      | >6  | 5.2                          | 5.2          | 4          | 0.2 | 3.8    | 7.7    | 20      | 5.3 |
| <a href="#">Lab014</a> | 3                  | 16.2                         | 16.1         | 8          | 0.3 | 1.9    | 4.3    | 20      | >6  | 5.3                          | 5.4          | 8          | 0.2 | 3.7    | 9.3    | 20      | 4.9 |
| <a href="#">Lab016</a> | 3                  | 13.8                         | 14.8         | 3          | 0.2 | 1.4    | 9.9    | 20      | >6  | 4.7                          | 4.8          | 3          | 0.1 | 2.1    | 6.3    | 20      | >6  |
| <a href="#">Lab051</a> | 3                  | 16.0                         | 14.7         | 5          | 0.4 | 2.7    | 13.6   | 20      | 4.4 | 5.4                          | 5.7          | 5          | 0.1 | 1.8    | 9.1    | 20      | >6  |
| Total                  | -                  | -                            | 15.5         | 20         | 0.7 | 4.5    | -      | -       | -   | -                            | 5.4          | 20         | 0.3 | 5.6    | -      | -       | -   |

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 × 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 2021 01 01 至 2022 05 31 Change

| UnitID                 | Reagent Kit (Code) | Control N (Lot No.: BJ0922N) |              |            |     |        |        |         |     | Control D (Lot No.: BJ0922D) |              |            |     |        |        |         |     |
|------------------------|--------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
|                        |                    | 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   |
| <a href="#">Lab004</a> | 3                  | 16.2                         | 16.2         | 60         | 0.4 | 2.5    | 4.9    | 20      | >6  | 5.2                          | 5.2          | 60         | 0.2 | 3.8    | 7.7    | 20      | 5.3 |
| <a href="#">Lab013</a> | 3                  | 17.1                         | 16.9         | 64         | 0.2 | 1.2    | 3.5    | 20      | >6  | 5.6                          | 5.6          | 64         | 0.2 | 3.6    | 7.1    | 20      | 5.6 |
| <a href="#">Lab014</a> | 3                  | 16.2                         | 15.0         | 79         | 0.8 | 5.3    | 18.1   | 20      | 2.4 | 5.3                          | 5.5          | 79         | 0.2 | 3.6    | 11.0   | 20      | 4.5 |
| <a href="#">Lab016</a> | 3                  | 13.8                         | 14.8         | 59         | 0.4 | 2.7    | 12.7   | 20      | 4.7 | 4.7                          | 4.8          | 59         | 0.2 | 4.2    | 10.5   | 20      | 4.3 |
| <a href="#">Lab051</a> | 3                  | 16.0                         | 14.6         | 23         | 0.3 | 2.1    | 12.9   | 20      | 5.4 | 5.4                          | 5.6          | 23         | 0.1 | 1.8    | 7.3    | 20      | >6  |
| Total                  | -                  | -                            | 15.6         | 285        | 1.0 | 6.4    | -      | -       | -   | -                            | 5.3          | 285        | 0.4 | 7.5    | -      | -       | -   |

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 × 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 |
|-------------|--------------|
| 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 : BJ0922N (2021-01-01 ~ 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.: BJ0922N) |                                   |                 |              |            |     |        |        |         |     |                |                             |            |     |        |        |         |     |
|------------------------------|-----------------------------------|-----------------|--------------|------------|-----|--------|--------|---------|-----|----------------|-----------------------------|------------|-----|--------|--------|---------|-----|
|                              |                                   | Month (2022/05) |              |            |     |        |        |         |     |                | CUM (2021/01/01~2022/05/31) |            |     |        |        |         |     |
| UnitID <span>↑</span>        | Reagent Kit (Code) <span>↑</span> | 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   |
| <a href="#">Lab004</a>       | 3                                 | 16.2            | 15.9         | 4          | 0.2 | 1.3    | 4.4    | 20      | >6  | 16.2           | 16.2                        | 60         | 0.4 | 2.5    | 4.9    | 20      | >6  |
| <a href="#">Lab013</a>       | 3                                 | 17.1            | -            | 0          | -   | -      | -      | 20      | -   | 17.1           | 16.9                        | 64         | 0.2 | 1.2    | 3.5    | 20      | >6  |
| <a href="#">Lab014</a>       | 3                                 | 16.2            | 16.1         | 8          | 0.3 | 1.9    | 4.3    | 20      | >6  | 16.2           | 15.0                        | 79         | 0.8 | 5.3    | 18.1   | 20      | 2.4 |
| <a href="#">Lab016</a>       | 3                                 | 13.8            | 14.8         | 3          | 0.2 | 1.4    | 9.9    | 20      | >6  | 13.8           | 14.8                        | 59         | 0.4 | 2.7    | 12.7   | 20      | 4.7 |
| <a href="#">Lab051</a>       | 3                                 | 16.0            | 14.7         | 5          | 0.4 | 2.7    | 13.6   | 20      | 4.4 | 16.0           | 14.6                        | 23         | 0.3 | 2.1    | 12.9   | 20      | 5.4 |
| Total                        | -                                 | -               | 15.5         | 20         | 0.7 | 4.5    | -      | -       | -   | -              | 15.6                        | 285        | 1.0 | 6.4    | -      | -       | -   |

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 x 累計變異係數 (CV)

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

月統計 : 2022 05 Change 累計期間 (CUM) : 自 2021 01 01 至 2022 05 31 Change

[TOP](#)

## Control D 月統計與累計統計之比較表

| Control D (Lot No.: BJ0922D) |                                   |                 |              |            |     |        |        |         |     |                |                             |            |     |        |        |         |     |
|------------------------------|-----------------------------------|-----------------|--------------|------------|-----|--------|--------|---------|-----|----------------|-----------------------------|------------|-----|--------|--------|---------|-----|
|                              |                                   | Month (2022/05) |              |            |     |        |        |         |     |                | CUM (2021/01/01~2022/05/31) |            |     |        |        |         |     |
| UnitID <span>↑</span>        | Reagent Kit (Code) <span>↑</span> | 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   |
| <a href="#">Lab004</a>       | 3                                 | 5.2             | 5.2          | 4          | 0.2 | 3.8    | 7.7    | 20      | 5.3 | 5.2            | 5.2                         | 60         | 0.2 | 3.8    | 7.7    | 20      | 5.3 |
| <a href="#">Lab013</a>       | 3                                 | 5.6             | -            | 0          | -   | -      | -      | 20      | -   | 5.6            | 5.6                         | 64         | 0.2 | 3.6    | 7.1    | 20      | 5.6 |
| <a href="#">Lab014</a>       | 3                                 | 5.3             | 5.4          | 8          | 0.2 | 3.7    | 9.3    | 20      | 4.9 | 5.3            | 5.5                         | 79         | 0.2 | 3.6    | 11.0   | 20      | 4.5 |
| <a href="#">Lab016</a>       | 3                                 | 4.7             | 4.8          | 3          | 0.1 | 2.1    | 6.3    | 20      | >6  | 4.7            | 4.8                         | 59         | 0.2 | 4.2    | 10.5   | 20      | 4.3 |
| <a href="#">Lab051</a>       | 3                                 | 5.4             | 5.7          | 5          | 0.1 | 1.8    | 9.1    | 20      | >6  | 5.4            | 5.6                         | 23         | 0.1 | 1.8    | 7.3    | 20      | >6  |
| Total                        | -                                 | -               | 5.4          | 20         | 0.3 | 5.6    | -      | -       | -   | -              | 5.3                         | 285        | 0.4 | 7.5    | -      | -       | -   |

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)

月統計 : 2022 05 Change 累計期間 (CUM) : 自 2021 01 01 至 2022 05 31 Change

[TOP](#)

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