# G6PD 定量檢驗內部品管統計結果及 SDI 分佈圖

選擇 LotNo： AA1223N (2012-10-01 ~ 2100-12-31) Change

列印圖表

## 檢驗單位：Lab030

| | Control N | | Control D | |
|---|---|---|---|---|
| QC Control Lot No. | AA1223N | | AA1223D | |
| 檢驗期間 | Month (2016/07) | CUM (2014/03/01~2016/07/31) | Month (2016/07) | CUM (2014/03/01~2016/07/31) |
| 累計點數 (N) | 1 | 26 | 1 | 26 |
| 累計平均值 (Mean) U/gHb | 14.8 | 14.7 | 4.2 | 4.7 |
| 累計標準差 (SD) | - | 0.4 | - | 0.4 |
| 累計變異係數 (CV) % | - | 2.7 | - | 8.5 |
| 目標值 (Target) U/gHb | 15.4 | 15.4 | 4.3 | 4.3 |
| 總誤差 (TE) % | - | 10.0 | - | 26.3 |
| 可容許總誤差 (TEa) % | 20 | 20 | 20 | 20 |
| σ | - | 5.7 | - | 1.3 |

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

月統計： 2016 07 Change ； 累計期間 (CUM)：自 2014 03 01 至 2016 07 31 Change

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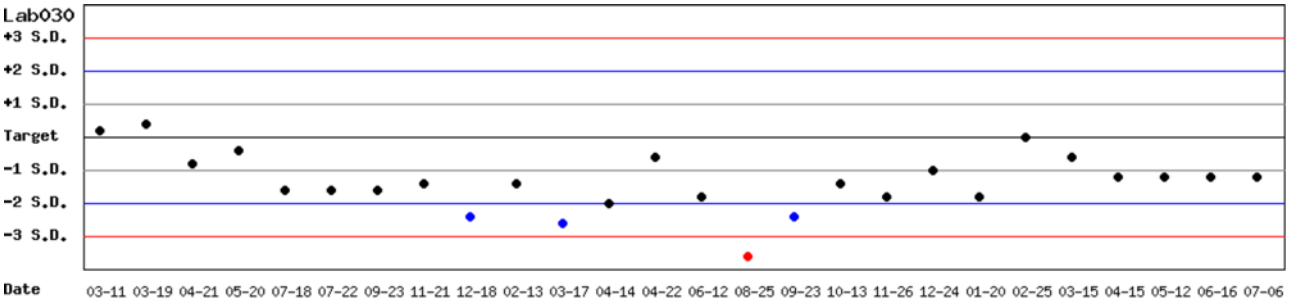
## Control N SDI 分佈圖

Lot No.: AA1223N ; 檢驗期間： 2014-03-01 至 2016-07-31 ; 目標值 (Target) : 15.4 ; 參考標準差 (SD) : 0.5

單位 : Lab030



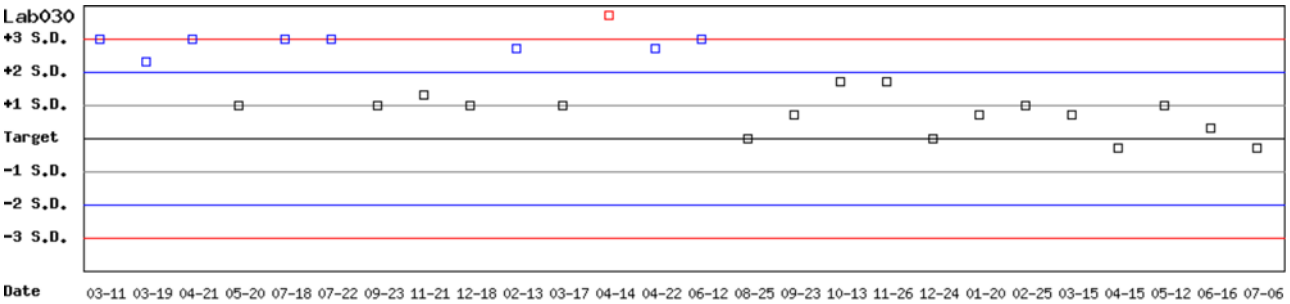

月統計： 2016 07 Change ； 累計期間 (CUM)：自 2014 03 01 至 2016 07 31 Change

[TOP]

## Control D SDI 分佈圖

Lot No.: AA1223D ; 檢驗期間： 2014-03-01 至 2016-07-31 ; 目標值 (Target) : 4.3 ; 參考標準差 (SD) : 0.3

單位 : Lab030




月統計： 2016 07 Change ； 累計期間 (CUM)：自 2014 03 01 至 2016 07 31 Change

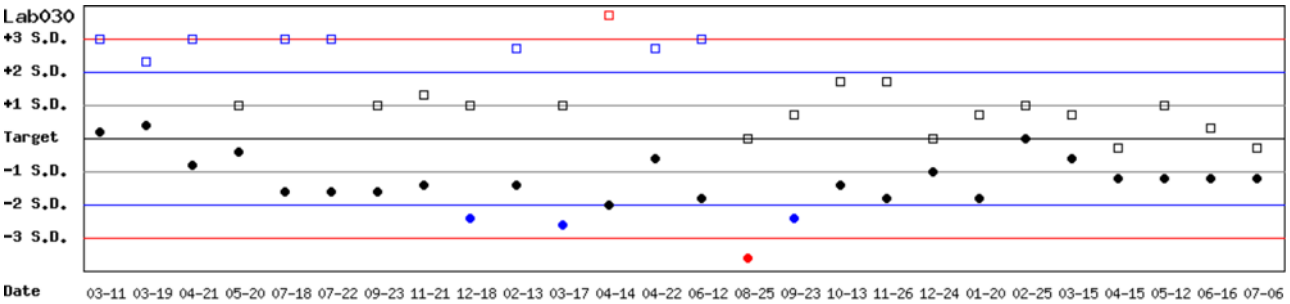
[TOP]

# Control N 及 Control D SDI
# 分佈圖

Lot No.: AA1223N ; 檢驗期間： 2014-03-01 至 2016-07-31 ; 目標值 (Target) : 15.4 ; 參考標準差 (SD) : 0.5 ( ●)

Lot No.: AA1223D ; 檢驗期間： 2014-03-01 至 2016-07-31 ; 目標值 (Target) : 4.3 ; 參考標準差 (SD) : 0.3 ( □)

單位 : Lab030




月統計： 2016 07 Change ; 累計期間 (CUM)：自 2014 03 01 至 2016 07 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：AA1223N (2012-10-01 ~ 2100-12-31) Change

選擇 Reagent Kit：1 - Trinity Change

列印總表一

## 月統計表

統計月份：2016 07 Change

| | | Control N (Lot No.: AA1223N) | | | | | | | | | Control D (Lot No.: AA1223D) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| Lab030 | 1 | 15.4 | 14.8 | 1 | - | - | - | 20 | - | | 4.3 | 4.2 | 1 | - | - | - | 20 | - |
| Total | - | - | 14.8 | 1 | - | - | - | - | - | | - | 4.2 | 1 | - | - | - | - | - |

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)

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## 累計統計表

累計期間：自 2012 10 01 至 2016 07 31 Change

| | | Control N (Lot No.: AA1223N) | | | | | | | | | Control D (Lot No.: AA1223D) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| Lab001 | 1 | 15.4 | 15.1 | 5 | 0.2 | 1.3 | 4.6 | 20 | >6 | | 4.3 | 4.4 | 5 | 0.1 | 2.3 | 6.9 | 20 | >6 |
| Lab002 | 1 | 14.6 | 15.1 | 71 | 0.8 | 5.3 | 14.0 | 20 | 3.1 | | 5.0 | 4.8 | 71 | 0.3 | 6.3 | 16.5 | 20 | 2.5 |
| Lab003 | 1 | 14.6 | 14.6 | 255 | 0.5 | 3.4 | 6.8 | 20 | 5.9 | | 4.3 | 4.3 | 255 | 0.3 | 7.0 | 14.0 | 20 | 2.9 |
| Lab004 | 1 | 15.1 | 15.1 | 50 | 0.4 | 2.6 | 5.3 | 20 | >6 | | 4.4 | 4.3 | 50 | 0.2 | 4.7 | 11.6 | 20 | 3.8 |
| Lab006 | 1 | 15.4 | 14.6 | 56 | 0.7 | 4.8 | 14.8 | 20 | 3.1 | | 4.3 | 4.3 | 56 | 0.2 | 4.7 | 9.3 | 20 | 4.3 |
| Lab007 | 1 | 14 | 15.1 | 153 | 0.9 | 6.0 | 19.8 | 20 | 2.0 | | 4.6 | 4.4 | 153 | 0.4 | 9.1 | 22.5 | 20 | 1.7 |
| Lab008 | 1 | 15.0 | 14.7 | 123 | 0.5 | 3.4 | 8.8 | 20 | 5.3 | | 4.3 | 4.2 | 123 | 0.2 | 4.8 | 11.8 | 20 | 3.7 |
| Lab010 | 1 | 14.4 | 14.1 | 73 | 0.4 | 2.8 | 7.8 | 20 | >6 | | 4.3 | 4.2 | 73 | 0.2 | 4.8 | 11.8 | 20 | 3.7 |
| Lab011 | 1 | 15.4 | 15.2 | 45 | 0.9 | 5.9 | 13.1 | 20 | 3.2 | | 4.3 | 4.4 | 45 | 0.5 | 11.4 | 25.1 | 20 | 1.6 |
| Lab012 | 1 | 14.7 | 14.7 | 58 | 0.4 | 2.7 | 5.4 | 20 | >6 | | 4.7 | 4.5 | 58 | 0.2 | 4.4 | 13.1 | 20 | 3.6 |
| Lab013 | 1 | 15.0 | 15.0 | 98 | 0.2 | 1.3 | 2.7 | 20 | >6 | | 4.3 | 4.3 | 98 | 0.2 | 4.7 | 9.3 | 20 | 4.3 |
| Lab014 | 1 | 15.4 | 15.1 | 103 | 0.4 | 2.6 | 7.2 | 20 | >6 | | 4.3 | 4.2 | 103 | 0.2 | 4.8 | 11.8 | 20 | 3.7 |
| Lab015 | 1 | 15.4 | 15.3 | 142 | 0.8 | 5.2 | 11.1 | 20 | 3.7 | | 4.3 | 4.6 | 142 | 0.3 | 6.5 | 20.0 | 20 | 2.0 |
| Lab029 | 1 | 15.6 | 15.5 | 51 | 1.0 | 6.5 | 13.5 | 20 | 3.0 | | 4.6 | 4.6 | 51 | 0.4 | 8.7 | 17.4 | 20 | 2.3 |
| Lab030 | 1 | 15.4 | 14.8 | 43 | 0.5 | 3.4 | 10.7 | 20 | 4.7 | | 4.3 | 4.6 | 43 | 0.4 | 8.7 | 24.4 | 20 | 1.5 |
| Total | - | - | 14.9 | 1326 | 0.7 | 4.7 | - | - | - | | - | 4.4 | 1326 | 0.3 | 6.8 | - | - | - |

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 |
|---|---|
| Trinity | 1 |

# 各檢驗單位 G6PD 定量檢驗 內部品管統計結果（總表二）

選擇 LotNo：AA1223N (2012-10-01 ~ 2100-12-31) Change

選擇 Reagent Kit：1 - Trinity Change

列印總表二

## Control N 月統計與累計統計之比較表

| | | Control N (Lot No.: AA1223N) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Month (2016/07) | | | | | | | | | CUM (2012/10/01~2016/07/31) | | | | | | |
| 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 |
| Lab001 | 1 | 15.4 | - | 0 | - | - | - | 20 | - | | 15.4 | 15.1 | 5 | 0.2 | 1.3 | 4.6 | 20 | >6 |
| Lab002 | 1 | 14.6 | - | 0 | - | - | - | 20 | - | | 14.6 | 15.1 | 71 | 0.8 | 5.3 | 14.0 | 20 | 3.1 |
| Lab003 | 1 | 14.6 | - | 0 | - | - | - | 20 | - | | 14.6 | 14.6 | 255 | 0.5 | 3.4 | 6.8 | 20 | 5.9 |
| Lab004 | 1 | 15.1 | - | 0 | - | - | - | 20 | - | | 15.1 | 15.1 | 50 | 0.4 | 2.6 | 5.3 | 20 | >6 |
| Lab006 | 1 | 15.4 | - | 0 | - | - | - | 20 | - | | 15.4 | 14.6 | 56 | 0.7 | 4.8 | 14.8 | 20 | 3.1 |
| Lab007 | 1 | 14 | - | 0 | - | - | - | 20 | - | | 14 | 15.1 | 153 | 0.9 | 6.0 | 19.8 | 20 | 2.0 |
| Lab008 | 1 | 15.0 | - | 0 | - | - | - | 20 | - | | 15.0 | 14.7 | 123 | 0.5 | 3.4 | 8.8 | 20 | 5.3 |
| Lab010 | 1 | 14.4 | - | 0 | - | - | - | 20 | - | | 14.4 | 14.1 | 73 | 0.4 | 2.8 | 7.8 | 20 | >6 |
| Lab011 | 1 | 15.4 | - | 0 | - | - | - | 20 | - | | 15.4 | 15.2 | 45 | 0.9 | 5.9 | 13.1 | 20 | 3.2 |
| Lab012 | 1 | 14.7 | - | 0 | - | - | - | 20 | - | | 14.7 | 14.7 | 58 | 0.4 | 2.7 | 5.4 | 20 | >6 |
| Lab013 | 1 | 15.0 | - | 0 | - | - | - | 20 | - | | 15.0 | 15.0 | 98 | 0.2 | 1.3 | 2.7 | 20 | >6 |
| Lab014 | 1 | 15.4 | - | 0 | - | - | - | 20 | - | | 15.4 | 15.1 | 103 | 0.4 | 2.6 | 7.2 | 20 | >6 |
| Lab015 | 1 | 15.4 | - | 0 | - | - | - | 20 | - | | 15.4 | 15.3 | 142 | 0.8 | 5.2 | 11.1 | 20 | 3.7 |
| Lab029 | 1 | 15.6 | - | 0 | - | - | - | 20 | - | | 15.6 | 15.5 | 51 | 1.0 | 6.5 | 13.5 | 20 | 3.0 |
| Lab030 | 1 | 15.4 | 14.8 | 1 | - | - | - | 20 | - | | 15.4 | 14.8 | 43 | 0.5 | 3.4 | 10.7 | 20 | 4.7 |
| Total | - | - | 14.8 | 1 | - | - | - | - | - | | - | 14.9 | 1326 | 0.7 | 4.7 | - | - | - |

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： 2016 07 Change　　累計期間 (CUM)：自 2012 10 01 至 2016 07 31 Change

[TOP]

## Control D 月統計與累計統計之比較表

| | | Control D (Lot No.: AA1223D) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Month (2016/07) | | | | | | | | | CUM (2012/10/01~2016/07/31) | | | | | | |
| 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 |
| Lab001 | 1 | 4.3 | - | 0 | - | - | - | 20 | - | | 4.3 | 4.4 | 5 | 0.1 | 2.3 | 6.9 | 20 | >6 |
| Lab002 | 1 | 5.0 | - | 0 | - | - | - | 20 | - | | 5.0 | 4.8 | 71 | 0.3 | 6.3 | 16.5 | 20 | 2.5 |
| Lab003 | 1 | 4.3 | - | 0 | - | - | - | 20 | - | | 4.3 | 4.3 | 255 | 0.3 | 7.0 | 14.0 | 20 | 2.9 |
| Lab004 | 1 | 4.4 | - | 0 | - | - | - | 20 | - | | 4.4 | 4.3 | 50 | 0.2 | 4.7 | 11.6 | 20 | 3.8 |
| Lab006 | 1 | 4.3 | - | 0 | - | - | - | 20 | - | | 4.3 | 4.3 | 56 | 0.2 | 4.7 | 9.3 | 20 | 4.3 |
| Lab007 | 1 | 4.6 | - | 0 | - | - | - | 20 | - | | 4.6 | 4.4 | 153 | 0.4 | 9.1 | 22.5 | 20 | 1.7 |
| Lab008 | 1 | 4.3 | - | 0 | - | - | - | 20 | - | | 4.3 | 4.2 | 123 | 0.2 | 4.8 | 11.8 | 20 | 3.7 |
| Lab010 | 1 | 4.3 | - | 0 | - | - | - | 20 | - | | 4.3 | 4.2 | 73 | 0.2 | 4.8 | 11.8 | 20 | 3.7 |
| Lab011 | 1 | 4.3 | - | 0 | - | - | - | 20 | - | | 4.3 | 4.4 | 45 | 0.5 | 11.4 | 25.1 | 20 | 1.6 |
| Lab012 | 1 | 4.7 | - | 0 | - | - | - | 20 | - | | 4.7 | 4.5 | 58 | 0.2 | 4.4 | 13.1 | 20 | 3.6 |
| Lab013 | 1 | 4.3 | - | 0 | - | - | - | 20 | - | | 4.3 | 4.3 | 98 | 0.2 | 4.7 | 9.3 | 20 | 4.3 |
| Lab014 | 1 | 4.3 | - | 0 | - | - | - | 20 | - | | 4.3 | 4.2 | 103 | 0.2 | 4.8 | 11.8 | 20 | 3.7 |
| Lab015 | 1 | 4.3 | - | 0 | - | - | - | 20 | - | | 4.3 | 4.6 | 142 | 0.3 | 6.5 | 20.0 | 20 | 2.0 |
| Lab029 | 1 | 4.6 | - | 0 | - | - | - | 20 | - | | 4.6 | 4.6 | 51 | 0.4 | 8.7 | 17.4 | 20 | 2.3 |
| Lab030 | 1 | 4.3 | 4.2 | 1 | - | - | - | 20 | - | | 4.3 | 4.6 | 43 | 0.4 | 8.7 | 24.4 | 20 | 1.5 |
| Total | - | - | 4.2 | 1 | - | - | - | - | - | | - | 4.4 | 1326 | 0.3 | 6.8 | - | - | - |

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： 2016 07 Change　　累計期間 (CUM)：自 2012 10 01 至 2016 07 31 Change

[TOP]

| Reagent Kit | Reagent Code |
|---|---|
| Trinity | 1 |