

# 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 : **Lab027**

QC Control Lot No.	Control N		Control D	
	BA1116N		BA1116D	
檢驗期間	Month (2022/06)	CUM (2022/06/03~2022/06/24)	Month (2022/06)	CUM (2022/06/03~2022/06/24)
累計點數 (N)	4	4	4	4
累計平均值 (Mean) U/gHb	14.2	14.2	4.5	4.5
累計標準差 (SD)	0.9	0.9	0.3	0.3
累計變異係數 (CV) %	6.3	6.3	6.7	6.7
目標值 (Target) U/gHb	12.8	12.8	4.2	4.2
總誤差 (TE) %	23.6	23.6	20.5	20.5
可容許總誤差 (TEa) %	20	20	20	20
$\sigma$	1.4	1.4	1.9	1.9

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

月統計 : 2022 06 Change ; 累計期間 (CUM) : 自 2022 06 03 至 2022 06 24 Change

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## Control N 及 Control D SDI 分佈圖

Lot No.: BA1116N ; 檢驗期間 : 2022-06-03 至 2022-06-24 ; 目標值 (Target) : 12.8 ; 參考標準差 (SD) : 1.28 (●)

Lot No.: BA1116D ; 檢驗期間 : 2022-06-03 至 2022-06-24 ; 目標值 (Target) : 4.2 ; 參考標準差 (SD) : 0.42 (□)

單位 : Lab027



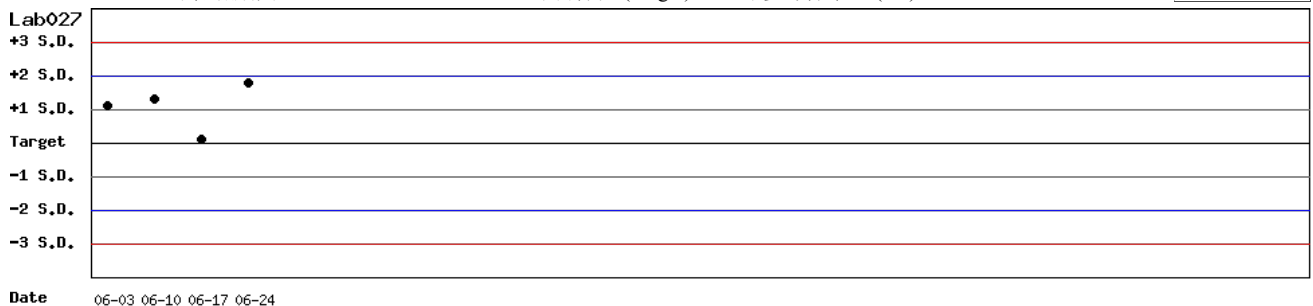
月統計 : 2022 06 Change ; 累計期間 (CUM) : 自 2022 06 03 至 2022 06 24 Change

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## Control N SDI 分佈圖

Lot No.: BA1116N ; 檢驗期間 : 2022-06-03 至 2022-06-24 ; 目標值 (Target) : 12.8 ; 參考標準差 (SD) : 1.28

單位 : Lab027



月統計 : 2022 06 Change ; 累計期間 (CUM) : 自 2022 06 03 至 2022 06 24 Change

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# Control D SDI 分佈圖

Lot No.: BA1116D ; 檢驗期間 : 2022-06-03 至 2022-06-24 ; 目標值 (Target) : 4.2 ; 參考標準差 (SD) : 0.42

單位 : Lab027



Date 06-03 06-10 06-17 06-24

月統計 : 2022 ▾ 06 ▾ Change ; 累計期間 (CUM) : 自 2022 ▾ 06 ▾ 03 ▾ 至 2022 ▾ 06 ▾ 24 ▾ Change

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# Peer Group Statistics (Table 1)

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

Select Reagent Kit : 5 - Medicon

## Monthly

Month : 2022  06

UnitID <input type="button" value="↑"/>	Reagent Kit (Code) <input type="button" value="↑"/>	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
<a href="#">Lab018</a>	5	13.6	13.5	19	0.3	2.2	5.2	20	>6	4.3	4.3	19	0.1	2.3	4.7	20	>6
<a href="#">Lab027</a>	5	12.8	14.2	4	0.9	6.3	23.6	20	1.4	4.2	4.5	4	0.3	6.7	20.5	20	1.9
Total	-	-	13.6	23	0.5	3.7	-	-	-	-	4.3	23	0.2	4.7	-	-	-

Bias (%) = [ ( | Mean - Target | ) / Target ] x 100%

TE : Total Error(%) = Bias (%) + 2 × CV (%)

σ (Sigma) = [TEa% - Bias (%) ] / CV (%)

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## Cumulative

Cumulative : from 2022  06  01  to 2022  06  30

UnitID <input type="button" value="↑"/>	Reagent Kit (Code) <input type="button" value="↑"/>	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
<a href="#">Lab018</a>	5	13.6	13.5	19	0.3	2.2	5.2	20	>6	4.3	4.3	19	0.1	2.3	4.7	20	>6
<a href="#">Lab027</a>	5	12.8	14.2	4	0.9	6.3	23.6	20	1.4	4.2	4.5	4	0.3	6.7	20.5	20	1.9
Total	-	-	13.6	23	0.5	3.7	-	-	-	-	4.3	23	0.2	4.7	-	-	-

Bias (%) = [ ( | Mean - Target | ) / Target ] x 100%

TE : Total Error(%) = Bias (%) + 2 × CV (%)

σ (Sigma) = [TEa% - Bias (%) ] / CV (%)

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Reagent Kit	Reagent Code
Medicon	5

## Peer Group Statistics (Table 2)

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

Select Reagent Kit : 5 - Medicon Change

Print Table 2

### Control N Month vs. Cumulative

		Control N (Lot No.: BA1116N)															
		Month (2022/06)								CUM (2022/06/01~2022/06/30)							
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
<a href="#">Lab018</a>	5	13.6	13.5	19	0.3	2.2	5.2	20	>6	13.6	13.5	19	0.3	2.2	5.2	20	>6
<a href="#">Lab027</a>	5	12.8	14.2	4	0.9	6.3	23.6	20	1.4	12.8	14.2	4	0.9	6.3	23.6	20	1.4
Total	-	-	13.6	23	0.5	3.7	-	-	-	-	13.6	23	0.5	3.7	-	-	-

Bias (%) = [ ( | Mean - Target | ) / Target ] x 100%

TE : Total Error(%) = Bias (%) + 2 × CV (%)

σ (Sigma) = [TEa% - Bias (%) ] / CV (%)

Month : 2022 ▼ 06 ▼ Change Cumulative : from 2022 ▼ 06 ▼ 01 ▼ to 2022 ▼ 06 ▼ 30 ▼ Change

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### Control D Month vs. Cumulative

		Control D (Lot No.: BA1116D)															
		Month (2022/06)								CUM (2022/06/01~2022/06/30)							
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
<a href="#">Lab018</a>	5	4.3	4.3	19	0.1	2.3	4.7	20	>6	4.3	4.3	19	0.1	2.3	4.7	20	>6
<a href="#">Lab027</a>	5	4.2	4.5	4	0.3	6.7	20.5	20	1.9	4.2	4.5	4	0.3	6.7	20.5	20	1.9
Total	-	-	4.3	23	0.2	4.7	-	-	-	-	4.3	23	0.2	4.7	-	-	-

Bias (%) = [ ( | Mean - Target | ) / Target ] x 100%

TE : Total Error(%) = Bias (%) + 2 × CV (%)

σ (Sigma) = [TEa% - Bias (%) ] / CV (%)

Month : 2022 ▼ 06 ▼ Change Cumulative : from 2022 ▼ 06 ▼ 01 ▼ to 2022 ▼ 06 ▼ 30 ▼ Change

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Reagent Kit	Reagent Code
Medicon	5