QC Chart of Internal Quality Control (IQC)for G6PD Quantitative Test

Select LotNo：[BE0116N (2025-02-12 ~ 2100-12-31) ▼] [Change]

[Print Table]

Lab019

	Control N		Control D	
QC Control Lot No.	BE0116N		BE0116D	
Duration of the Analyzing	Month (2026/01)	CUM (2025/08/20~2026/01/30)	Month (2026/01)	CUM (2025/08/20~2026/01/30)
Runs (N)	4	22	4	22
Mean (U/gHb)	13.5	13.5	4.8	4.8
SD	0.1	0.2	0.1	0.1
CV (%)	0.7	1.5	2.1	2.1
Target Value (U/gHb)	13.5	13.5	4.9	4.9
Total Error (%)	1.5	3.0	6.2	6.2
TEa (%)	20	20	20	20
σ	>6	>6	>6	>6

Bias (%) = [(│Mean - Target│) / Target] x 100%
TE：Total Error(%) = Bias (%) + 2 × CV (%)
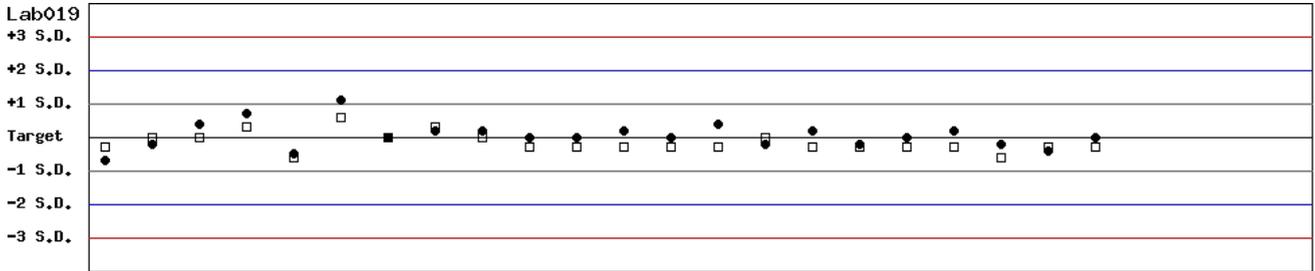σ (Sigma) = [TEa% - Bias (%)] / CV (%)

Month : [2026 ▼] [01 ▼] [Change] ; Cumulative : from [2025 ▼] [08 ▼] [20 ▼] to [2026 ▼] [01 ▼] [30 ▼] [Change]

[TOP]

Control N and Control D SDI QC Chart

Lot No.: BE0116N ; Duration : 2025-08-20 to 2026-01-30 ; Target : 13.5 ; SD : 0.56 　(●)

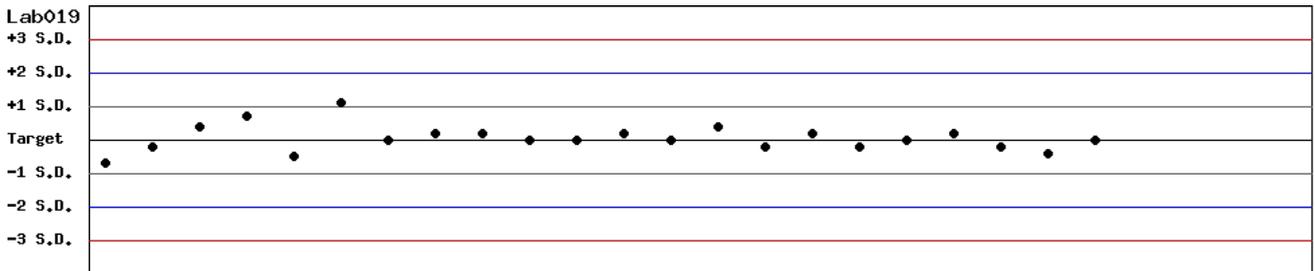Lot No.: BE0116D ; Duration : 2025-08-20 to 2026-01-30 ; Target : 4.9 ; SD : 0.32 　(□)

Month : [2026 ▼] [01 ▼] [Change] ; Cumulative : from [2025 ▼] [08 ▼] [20 ▼] to [2026 ▼] [01 ▼] [30 ▼] [Change]

[TOP]

Control N SDI QC Chart

Lot No.: BE0116N ; Duration : 2025-08-20 to 2026-01-30 ; Target : 13.5 ; SD : 0.56

Month : [2026 ▼] [01 ▼] [Change] ; Cumulative : from [2025 ▼] [08 ▼] [20 ▼] to [2026 ▼] [01 ▼] [30 ▼] [Change]

[TOP]

Lot No.: BE0116D ; Duration : 2025-08-20 to 2026-01-30 ; Target : 4.9 ; SD : 0.32

Lab019

Month : [2026 ⌄] [01 ⌄] [Change]   ;   Cumulative : from [2025 ⌄] [08 ⌄] [20 ⌄] to [2026 ⌄] [01 ⌄] [30 ⌄] [Change]

[TOP]

Peer Group Statistics (Table 1)

Select LotNo：[BE0116N (2025-02-12 ~ 2100-12-31) ⌄] [Change]

Select Reagent Kit：[5 - Medicon ⌄] [Change]

[Print Table 1]

Monthly

Month : [2026 ⌄] [01 ⌄] [Change]

UnitID ⬆	Reagent Kit (Code) ⬆	Control N (Lot No.: BE0116N)								Control D (Lot No.: BE0116D)							
		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
Lab019	5	13.5	13.5	4	0.1	0.7	1.5	20	>6	4.9	4.8	4	0.1	2.1	6.2	20	>6
Lab037	5	13.5	13.0	2	-	-	-	20	-	4.9	4.7	2	-	-	-	20	-
Lab052	5	13.5	13.3	2	-	-	-	20	-	4.9	4.8	2	-	-	-	20	-
Total		-	13.3	8	0.3	2.3	-	-	-	-	4.7	8	0.2	4.3	-	-	-

Bias (%) = [(│Mean - Target│) / Target] x 100%
TE：Total Error(%) = Bias (%) + 2 × CV (%)
σ (Sigma) = [TEa% - Bias (%)] / CV (%)

[TOP]

Cumulative

Cumulative : from [2025 ⌄] [04 ⌄] [01 ⌄] to [2026 ⌄] [01 ⌄] [31 ⌄] [Change]

UnitID ⬆	Reagent Kit (Code) ⬆	Control N (Lot No.: BE0116N)								Control D (Lot No.: BE0116D)							
		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
Lab018	5	15.3	14.3	16	0.2	1.4	9.3	20	>6	4.7	5.1	16	0.1	2.0	12.4	20	5.7
Lab019	5	13.5	13.5	22	0.2	1.5	3.0	20	>6	4.9	4.8	22	0.1	2.1	6.2	20	>6
Lab037	5	13.5	13.0	2	-	-	-	20	-	4.9	4.7	2	-	-	-	20	-
Lab052	5	13.5	13.4	6	0.2	1.5	3.7	20	>6	4.9	4.7	6	0.2	4.3	12.6	20	3.7
Total		-	13.8	46	0.5	3.6	-	-	-	-	4.9	46	0.2	4.1	-	-	-

Bias (%) = [(│Mean - Target│) / Target] x 100%
TE：Total Error(%) = Bias (%) + 2 × CV (%)
σ (Sigma) = [TEa% - Bias (%)] / CV (%)

[TOP]

Reagent Kit	Reagent Code
Medicon	5

Peer Group Statistics (Table 2)

Select LotNo：BE0116N (2025-02-12 ~ 2100-12-31) ∨ [Change]

Select Reagent Kit：5 - Medicon ∨ [Change]

[Print Table 2]

Control N Month vs. Cumulative

| | | Control N (Lot No.: BE0116N) | | | | | | | | | | | | | | | | |
| | | Month (2026/01) | | | | | | | | CUM (2025/04/01~2026/01/31) | | | | | | | | |
UitID ⬆	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
Lab018	5	15.3	-	0	-	-	-	20	-	15.3	14.3	16	0.2	1.4	9.3	20	>6
Lab019	5	13.5	13.5	4	0.1	0.7	1.5	20	>6	13.5	13.5	22	0.2	1.5	3.0	20	>6
Lab037	5	13.5	13.0	2	-	-	-	20	-	13.5	13.0	2	-	-	-	20	-
Lab052	5	13.5	13.3	2	-	-	-	20	-	13.5	13.4	6	0.2	1.5	3.7	20	>6
Total	-	-	13.3	8	0.3	2.3	-	-	-	-	13.8	46	0.5	3.6	-	-	-

Bias (%) = [(│Mean - Target│) / Target] x 100%
TE：Total Error(%) = Bias (%) + 2 × CV (%)
σ (Sigma) = [TEa% - Bias (%)] / CV (%)

Month：2026 ∨ 01 ∨ [Change]   Cumulative：from 2025 ∨ 04 ∨ 01 ∨ to 2026 ∨ 01 ∨ 31 ∨ [Change]

[TOP]

Control D Month vs. Cumulative

| | | Control D (Lot No.: BE0116D) | | | | | | | | | | | | | | | | |
| | | Month (2026/01) | | | | | | | | CUM (2025/04/01~2026/01/31) | | | | | | | | |
UitID ⬆	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
Lab018	5	4.7	-	0	-	-	-	20	-	4.7	5.1	16	0.1	2.0	12.4	20	5.7
Lab019	5	4.9	4.8	4	0.1	2.1	6.2	20	>6	4.9	4.8	22	0.1	2.1	6.2	20	>6
Lab037	5	4.9	4.7	2	-	-	-	20	-	4.9	4.7	2	-	-	-	20	-
Lab052	5	4.9	4.8	2	-	-	-	20	-	4.9	4.7	6	0.2	4.3	12.6	20	3.7
Total	-	-	4.7	8	0.2	4.3	-	-	-	-	4.9	46	0.2	4.1	-	-	-

Bias (%) = [(│Mean - Target│) / Target] x 100%
TE：Total Error(%) = Bias (%) + 2 × CV (%)
σ (Sigma) = [TEa% - Bias (%)] / CV (%)

Month：2026 ∨ 01 ∨ [Change]   Cumulative：from 2025 ∨ 04 ∨ 01 ∨ to 2026 ∨ 01 ∨ 31 ∨ [Change]

[TOP]

Reagent Kit	Reagent Code
Medicon	5