

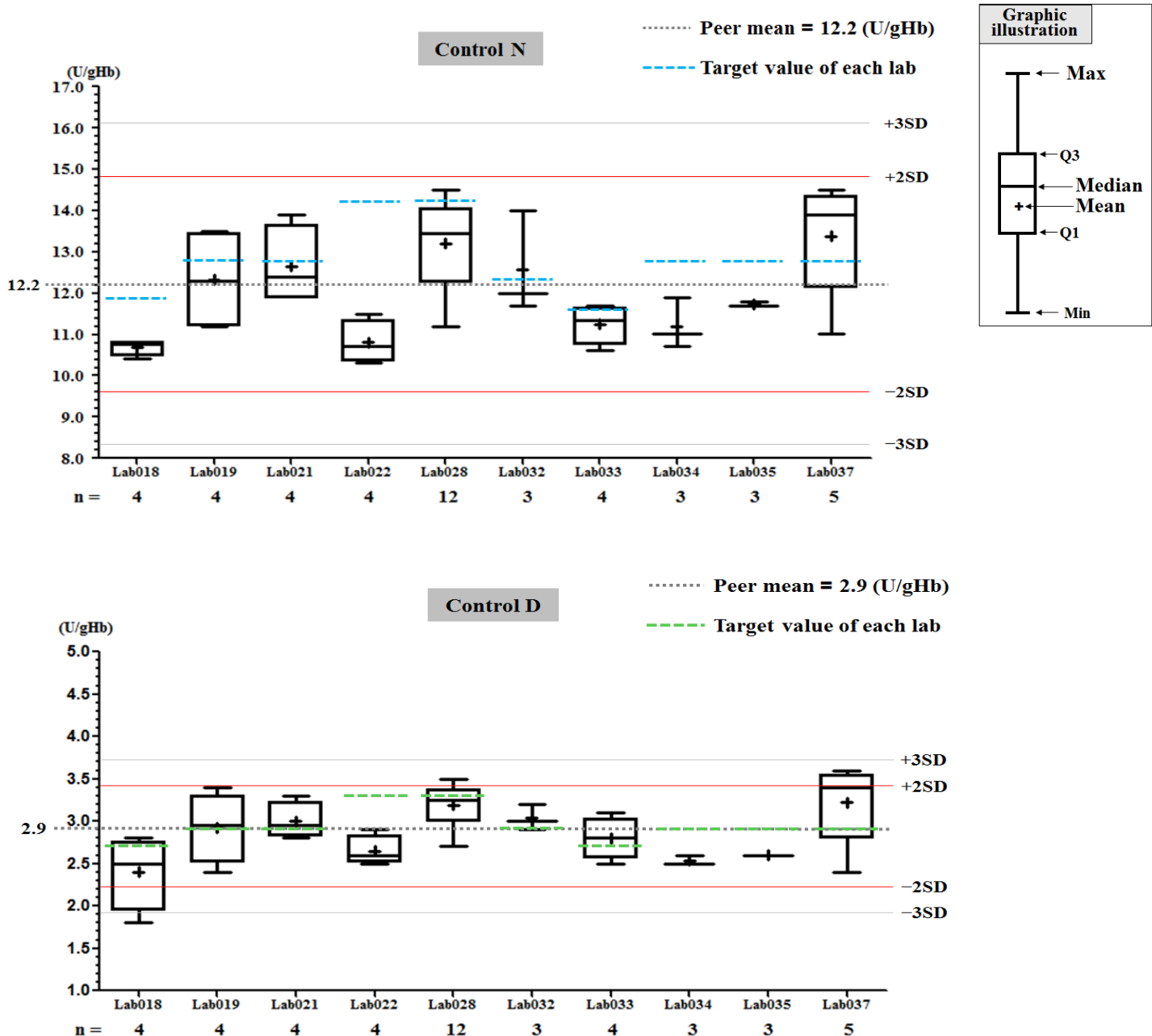
# Summary Report of IQC program for G6PD Quantitative Test - AMP Group - July 2016 -

## I. The statistic results of all laboratories in this month

| G6PD                        | Control N<br>(Lot No.:AC1203N) | Control D<br>(Lot No.:AC1203D) |
|-----------------------------|--------------------------------|--------------------------------|
| Labs                        | 10                             | 10                             |
| Received results number (n) | 46                             | 46                             |
| Median                      | 1.9 (U/gHb)                    | 2.9 (U/gHb)                    |
| Mean                        | 12.2 (U/gHb)                   | 2.9 (U/gHb)                    |
| SD                          | 1.3                            | 0.4                            |
| CV                          | 10.7%                          | 13.8%                          |
| Range of G6PD               | 10.3 ~ 14.5 (U/gHb)            | 1.8 ~ 3.6 (U/gHb)              |
| Range of Hb                 | 2.0 ~ 2.8 (g/dL)               | 2.3 ~ 3.2 (g/dL)               |

\*The statistic results are calculated from all labs reported in this month

## II. The distribution of G6PD reported for each lab in this survey



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

Select LotNo : AC1203N (2014-01-01 ~ 2100-12-31) [Change](#)

[Print Table](#)

## Lab022

|                           | Control N          |                                | Control D          |                                |
|---------------------------|--------------------|--------------------------------|--------------------|--------------------------------|
| QC Control Lot No.        | AC1203N            |                                | AC1203D            |                                |
| Duration of the Analyzing | Month<br>(2016/07) | CUM<br>(2016/03/24~2016/07/31) | Month<br>(2016/07) | CUM<br>(2016/03/24~2016/07/31) |
| Runs (N)                  | 4                  | 26                             | 4                  | 26                             |
| Mean (U/gHb)              | 10.8               | 11.4                           | 2.7                | 2.8                            |
| SD                        | 0.5                | 1.3                            | 0.2                | 0.3                            |
| CV (%)                    | 4.6                | 11.4                           | 7.4                | 10.7                           |
| Target Value (U/gHb)      | 14.2               | 14.2                           | 3.3                | 3.3                            |
| Total Error (%)           | 33.2               | 42.5                           | 33.0               | 36.6                           |
| TEa (%)                   | 20                 | 20                             | 20                 | 20                             |
| $\sigma$                  | -0.9               | 0.0                            | 0.2                | 0.5                            |

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

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

$\sigma$  (Sigma) = [TEa% - Bias (%) ] / CV (%)

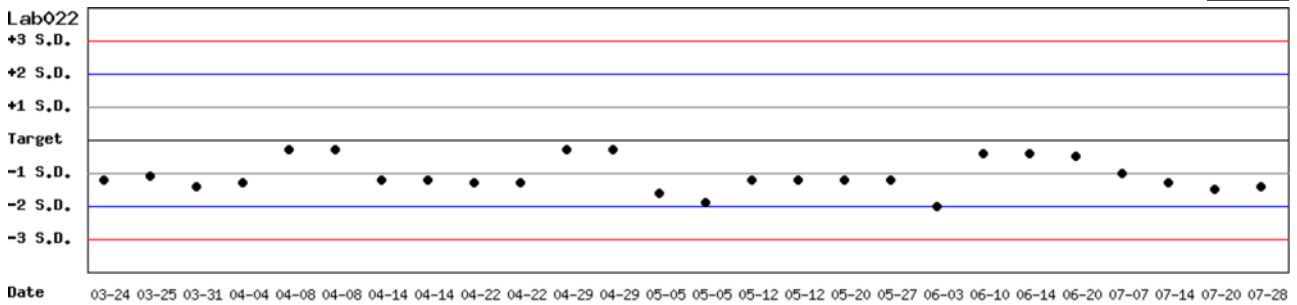
Month : 2016 07 [Change](#) ; Cumulative : from 2016 03 24 to 2016 07 31 [Change](#)

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## Control N SDI QC Chart

Lot No.: AC1203N ; Duration : 2016-03-24 to 2016-07-31 ; Target : 14.2 ; SD : 2.6

Lab022



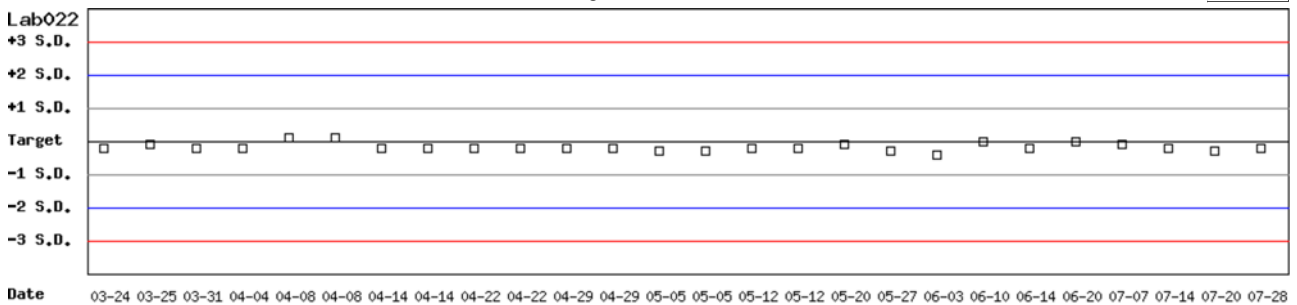
Month : 2016 07 [Change](#) ; Cumulative : from 2016 03 24 to 2016 07 31 [Change](#)

[TOP](#)

## Control D SDI QC Chart

Lot No.: AC1203D ; Duration : 2016-03-24 to 2016-07-31 ; Target : 3.3 ; SD : 3.1

Lab022



Month : 2016 07 [Change](#) ; Cumulative : from 2016 03 24 to 2016 07 31 [Change](#)

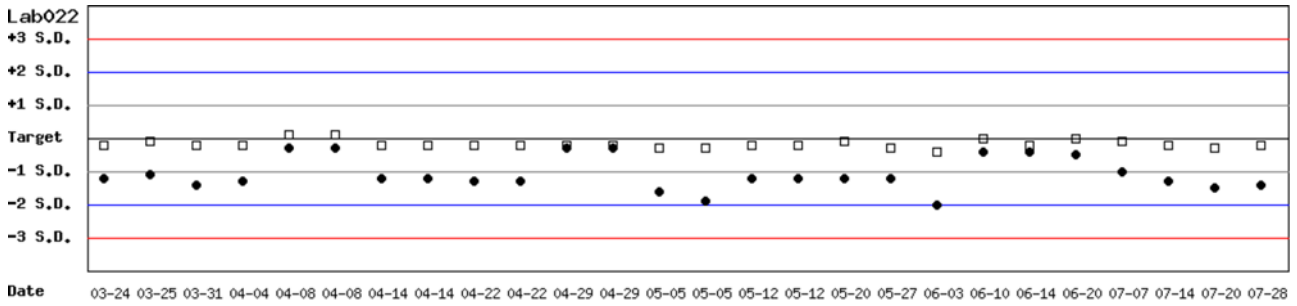
[TOP](#)

## Control N and Control D SDI QC Chart

Lot No.: AC1203N ; Duration : 2016-03-24 to 2016-07-31 ; Target : 14.2 ; SD : 2.6 (●)

Lot No.: AC1203D ; Duration : 2016-03-24 to 2016-07-31 ; Target : 3.3 ; SD : 3.1 (□)

Lab022



Month : 2016 07  ; Cumulative : from 2016 03 24 to 2016 07 31

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## Peer Group Statistics (Table 1)

Select LotNo :

Select Reagent Kit :

### Monthly

Month :

| UnitID <sup>†</sup>    | Reagent Kit (Code) <sup>†</sup> | Control N (Lot No.: AC1203N) |              |            |     |        |        |         |      | Control D (Lot No.: AC1203D) |              |            |     |        |        |         |     |
|------------------------|---------------------------------|------------------------------|--------------|------------|-----|--------|--------|---------|------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
|                        |                                 | 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> | 2                               | 11.9                         | 10.7         | 4          | 0.2 | 1.9    | 13.8   | 20      | 5.2  | 2.7                          | 2.4          | 4          | 0.4 | 16.7   | 44.4   | 20      | 0.5 |
| <a href="#">Lab019</a> | 2                               | 12.8                         | 12.3         | 4          | 1.2 | 9.8    | 23.4   | 20      | 1.6  | 2.9                          | 2.9          | 4          | 0.4 | 13.8   | 27.6   | 20      | 1.4 |
| <a href="#">Lab021</a> | 2                               | 12.8                         | 12.7         | 4          | 1.0 | 7.9    | 16.5   | 20      | 2.4  | 2.9                          | 3.0          | 4          | 0.2 | 6.7    | 16.8   | 20      | 2.5 |
| <a href="#">Lab022</a> | 2                               | 14.2                         | 10.8         | 4          | 0.5 | 4.6    | 33.2   | 20      | -0.9 | 3.3                          | 2.7          | 4          | 0.2 | 7.4    | 33.0   | 20      | 0.2 |
| <a href="#">Lab028</a> | 2                               | 14.2                         | 13.2         | 12         | 1.0 | 7.6    | 22.2   | 20      | 1.7  | 3.3                          | 3.2          | 12         | 0.2 | 6.3    | 15.5   | 20      | 2.7 |
| <a href="#">Lab032</a> | 2                               | 12.3                         | 12.6         | 3          | 1.3 | 10.3   | 23.1   | 20      | 1.7  | 2.9                          | 3.0          | 3          | 0.2 | 6.7    | 16.8   | 20      | 2.5 |
| <a href="#">Lab033</a> | 2                               | 11.6                         | 11.3         | 4          | 0.5 | 4.4    | 11.4   | 20      | 4.0  | 2.7                          | 2.8          | 4          | 0.2 | 7.1    | 18.0   | 20      | 2.3 |
| <a href="#">Lab034</a> | 2                               | 12.8                         | 11.2         | 3          | 0.6 | 5.4    | 23.2   | 20      | 1.4  | 2.9                          | 2.5          | 3          | 0.1 | 4.0    | 21.8   | 20      | 1.6 |
| <a href="#">Lab035</a> | 2                               | 12.8                         | 11.7         | 3          | 0.1 | 0.9    | 10.3   | 20      | >6   | 2.9                          | 2.6          | 3          | 0.0 | 0.0    | 10.3   | 20      | >6  |
| <a href="#">Lab037</a> | 2                               | 12.8                         | 13.4         | 5          | 1.4 | 10.4   | 25.6   | 20      | 1.5  | 2.9                          | 3.2          | 5          | 0.5 | 15.6   | 41.6   | 20      | 0.6 |
| <b>Total</b>           | -                               | -                            | 12.2         | 46         | 1.3 | 10.7   | -      | -       | -    | -                            | 2.9          | 46         | 0.4 | 13.8   | -      | -       | -   |

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

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

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

[TOP](#)

### Cumulative

Cumulative : from    to

| UnitID <sup>†</sup>    | Reagent Kit (Code) <sup>†</sup> | Control N (Lot No.: AC1203N) |              |            |     |        |        |         |     | Control D (Lot No.: AC1203D) |              |            |     |        |        |         |     |
|------------------------|---------------------------------|------------------------------|--------------|------------|-----|--------|--------|---------|-----|------------------------------|--------------|------------|-----|--------|--------|---------|-----|
|                        |                                 | 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="#">Lab017</a> | 2                               | 14.2                         | 13.8         | 36         | 1.6 | 11.6   | 26.0   | 20      | 1.5 | 3.3                          | 3.9          | 36         | 1.4 | 35.9   | 90.0   | 20      | 0.1 |
| <a href="#">Lab018</a> | 2                               | 11.9                         | 10.9         | 97         | 1.4 | 12.8   | 34.1   | 20      | 0.9 | 2.7                          | 2.6          | 97         | 1.0 | 38.5   | 80.6   | 20      | 0.4 |
| <a href="#">Lab019</a> | 2                               | 12.8                         | 12.2         | 127        | 1.2 | 9.8    | 24.4   | 20      | 1.6 | 2.9                          | 2.8          | 127        | 0.4 | 14.3   | 32.0   | 20      | 1.2 |
| <a href="#">Lab021</a> | 2                               | 12.8                         | 13.9         | 67         | 0.7 | 5.0    | 18.7   | 20      | 2.3 | 2.9                          | 3.4          | 67         | 0.2 | 5.9    | 29.0   | 20      | 0.5 |
| <a href="#">Lab022</a> | 2                               | 14.2                         | 11.6         | 49         | 1.2 | 10.3   | 39.0   | 20      | 0.2 | 3.3                          | 2.9          | 49         | 0.4 | 13.8   | 39.7   | 20      | 0.6 |
| <a href="#">Lab024</a> | 2                               | 11.6                         | 11.1         | 58         | 1.2 | 10.8   | 25.9   | 20      | 1.5 | 2.7                          | 2.7          | 58         | 0.3 | 11.1   | 22.2   | 20      | 1.8 |
| <a href="#">Lab026</a> | 2                               | 11.6                         | 11.5         | 212        | 1.6 | 13.9   | 28.7   | 36      | 2.5 | 2.7                          | 2.8          | 212        | 0.5 | 17.9   | 39.4   | 36      | 1.8 |
| <a href="#">Lab027</a> | 2                               | 12.3                         | 11.8         | 147        | 1.6 | 13.6   | 31.2   | 20      | 1.2 | 2.9                          | 2.7          | 147        | 0.5 | 18.5   | 43.9   | 20      | 0.7 |
| <a href="#">Lab028</a> | 2                               | 14.2                         | 13.7         | 270        | 1.2 | 8.8    | 21.0   | 20      | 1.9 | 3.3                          | 3.3          | 270        | 0.5 | 15.2   | 30.3   | 20      | 1.3 |
| <a href="#">Lab031</a> | 2                               | 12.8                         | 10.4         | 89         | 1.5 | 14.4   | 47.6   | 20      | 0.1 | 2.9                          | 2.5          | 89         | 0.5 | 20.0   | 53.8   | 20      | 0.3 |
| <a href="#">Lab032</a> | 2                               | 12.3                         | 11.5         | 222        | 1.9 | 16.5   | 39.5   | 20      | 0.8 | 2.9                          | 2.7          | 222        | 0.5 | 18.5   | 43.9   | 20      | 0.7 |
| <a href="#">Lab033</a> | 2                               | 11.6                         | 12.0         | 116        | 1.0 | 8.3    | 20.1   | 20      | 2.0 | 2.7                          | 2.9          | 116        | 0.3 | 10.3   | 28.1   | 20      | 1.2 |
| <a href="#">Lab034</a> | 2                               | 12.8                         | 12.4         | 65         | 0.7 | 5.6    | 14.4   | 20      | 3.0 | 2.9                          | 3.0          | 65         | 0.2 | 6.7    | 16.8   | 20      | 2.5 |
| <a href="#">Lab035</a> | 2                               | 12.8                         | 12.4         | 55         | 0.7 | 5.6    | 14.4   | 20      | 3.0 | 2.9                          | 2.8          | 55         | 0.3 | 10.7   | 24.9   | 20      | 1.5 |
| <a href="#">Lab037</a> | 2                               | 12.8                         | 12.5         | 31         | 1.2 | 9.6    | 21.5   | 20      | 1.8 | 2.9                          | 3.0          | 31         | 0.4 | 13.3   | 30.1   | 20      | 1.2 |
| <a href="#">Lab038</a> | 2                               | 12.8                         | 12.7         | 55         | 1.0 | 7.9    | 16.5   | 20      | 2.4 | 2.9                          | 3.1          | 55         | 0.5 | 16.1   | 39.2   | 20      | 0.8 |
| <a href="#">Lab040</a> | 2                               | 12.8                         | 11.7         | 5          | 0.5 | 4.3    | 17.1   | 20      | 2.7 | 2.9                          | 2.5          | 5          | 0.1 | 4.0    | 21.8   | 20      | 1.6 |
| <b>Total</b>           | -                               | -                            | 12.1         | 1701       | 1.7 | 14.0   | -      | -       | -   | -                            | 2.9          | 1701       | 0.6 | 20.7   | -      | -       | -   |

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 |
|-------------|--------------|
| AMP         | 2            |

## Peer Group Statistics (Table 2)

Select LotNo : AC1203N (2014-01-01 ~ 2100-12-31) Change

Select Reagent Kit : 2 - AMP Change

Print Table 2

### Control N Month vs. Cumulative

| Control N (Lot No.: AC1203N) |                      |                |              |            |     |        |        |         |      |                             |              |            |     |        |        |         |     |
|------------------------------|----------------------|----------------|--------------|------------|-----|--------|--------|---------|------|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
| Month (2016/07)              |                      |                |              |            |     |        |        |         |      | CUM (2014/02/01~2016/07/31) |              |            |     |        |        |         |     |
| 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   |
| <a href="#">Lab017</a>       | 2                    | 14.2           | -            | 0          | -   | -      | -      | 20      | -    | 14.2                        | 13.8         | 36         | 1.6 | 11.6   | 26.0   | 20      | 1.5 |
| <a href="#">Lab018</a>       | 2                    | 11.9           | 10.7         | 4          | 0.2 | 1.9    | 13.8   | 20      | 5.2  | 11.9                        | 10.9         | 97         | 1.4 | 12.8   | 34.1   | 20      | 0.9 |
| <a href="#">Lab019</a>       | 2                    | 12.8           | 12.3         | 4          | 1.2 | 9.8    | 23.4   | 20      | 1.6  | 12.8                        | 12.2         | 127        | 1.2 | 9.8    | 24.4   | 20      | 1.6 |
| <a href="#">Lab021</a>       | 2                    | 12.8           | 12.7         | 4          | 1.0 | 7.9    | 16.5   | 20      | 2.4  | 12.8                        | 13.9         | 67         | 0.7 | 5.0    | 18.7   | 20      | 2.3 |
| <a href="#">Lab022</a>       | 2                    | 14.2           | 10.8         | 4          | 0.5 | 4.6    | 33.2   | 20      | -0.9 | 14.2                        | 11.6         | 49         | 1.2 | 10.3   | 39.0   | 20      | 0.2 |
| <a href="#">Lab024</a>       | 2                    | 11.6           | -            | 0          | -   | -      | -      | 20      | -    | 11.6                        | 11.1         | 58         | 1.2 | 10.8   | 25.9   | 20      | 1.5 |
| <a href="#">Lab026</a>       | 2                    | 11.6           | -            | 0          | -   | -      | -      | 36      | -    | 11.6                        | 11.5         | 212        | 1.6 | 13.9   | 28.7   | 36      | 2.5 |
| <a href="#">Lab027</a>       | 2                    | 12.3           | -            | 0          | -   | -      | -      | 20      | -    | 12.3                        | 11.8         | 147        | 1.6 | 13.6   | 31.2   | 20      | 1.2 |
| <a href="#">Lab028</a>       | 2                    | 14.2           | 13.2         | 12         | 1.0 | 7.6    | 22.2   | 20      | 1.7  | 14.2                        | 13.7         | 270        | 1.2 | 8.8    | 21.0   | 20      | 1.9 |
| <a href="#">Lab031</a>       | 2                    | 12.8           | -            | 0          | -   | -      | -      | 20      | -    | 12.8                        | 10.4         | 89         | 1.5 | 14.4   | 47.6   | 20      | 0.1 |
| <a href="#">Lab032</a>       | 2                    | 12.3           | 12.6         | 3          | 1.3 | 10.3   | 23.1   | 20      | 1.7  | 12.3                        | 11.5         | 222        | 1.9 | 16.5   | 39.5   | 20      | 0.8 |
| <a href="#">Lab033</a>       | 2                    | 11.6           | 11.3         | 4          | 0.5 | 4.4    | 11.4   | 20      | 4.0  | 11.6                        | 12.0         | 116        | 1.0 | 8.3    | 20.1   | 20      | 2.0 |
| <a href="#">Lab034</a>       | 2                    | 12.8           | 11.2         | 3          | 0.6 | 5.4    | 23.2   | 20      | 1.4  | 12.8                        | 12.4         | 65         | 0.7 | 5.6    | 14.4   | 20      | 3.0 |
| <a href="#">Lab035</a>       | 2                    | 12.8           | 11.7         | 3          | 0.1 | 0.9    | 10.3   | 20      | >6   | 12.8                        | 12.4         | 55         | 0.7 | 5.6    | 14.4   | 20      | 3.0 |
| <a href="#">Lab037</a>       | 2                    | 12.8           | 13.4         | 5          | 1.4 | 10.4   | 25.6   | 20      | 1.5  | 12.8                        | 12.5         | 31         | 1.2 | 9.6    | 21.5   | 20      | 1.8 |
| <a href="#">Lab038</a>       | 2                    | 12.8           | -            | 0          | -   | -      | -      | 20      | -    | 12.8                        | 12.7         | 55         | 1.0 | 7.9    | 16.5   | 20      | 2.4 |
| <a href="#">Lab040</a>       | 2                    | 12.8           | -            | 0          | -   | -      | -      | 20      | -    | 12.8                        | 11.7         | 5          | 0.5 | 4.3    | 17.1   | 20      | 2.7 |
| <b>Total</b>                 | -                    | -              | 12.2         | 46         | 1.3 | 10.7   | -      | -       | -    | -                           | 12.1         | 1701       | 1.7 | 14.0   | -      | -       | -   |

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

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

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

Month : 2016 07 Change

Cumulative : from 2014 02 01 to 2016 07 31 Change

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### Control D Month vs. Cumulative

| Control D (Lot No.: AC1203D) |                      |                |              |            |     |        |        |         |     |                             |              |            |     |        |        |         |     |
|------------------------------|----------------------|----------------|--------------|------------|-----|--------|--------|---------|-----|-----------------------------|--------------|------------|-----|--------|--------|---------|-----|
| Month (2016/07)              |                      |                |              |            |     |        |        |         |     | CUM (2014/02/01~2016/07/31) |              |            |     |        |        |         |     |
| 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   |
| <a href="#">Lab017</a>       | 2                    | 3.3            | -            | 0          | -   | -      | -      | 20      | -   | 3.3                         | 3.9          | 36         | 1.4 | 35.9   | 90.0   | 20      | 0.1 |
| <a href="#">Lab018</a>       | 2                    | 2.7            | 2.4          | 4          | 0.4 | 16.7   | 44.4   | 20      | 0.5 | 2.7                         | 2.6          | 97         | 1.0 | 38.5   | 80.6   | 20      | 0.4 |
| <a href="#">Lab019</a>       | 2                    | 2.9            | 2.9          | 4          | 0.4 | 13.8   | 27.6   | 20      | 1.4 | 2.9                         | 2.8          | 127        | 0.4 | 14.3   | 32.0   | 20      | 1.2 |
| <a href="#">Lab021</a>       | 2                    | 2.9            | 3.0          | 4          | 0.2 | 6.7    | 16.8   | 20      | 2.5 | 2.9                         | 3.4          | 67         | 0.2 | 5.9    | 29.0   | 20      | 0.5 |
| <a href="#">Lab022</a>       | 2                    | 3.3            | 2.7          | 4          | 0.2 | 7.4    | 33.0   | 20      | 0.2 | 3.3                         | 2.9          | 49         | 0.4 | 13.8   | 39.7   | 20      | 0.6 |
| <a href="#">Lab024</a>       | 2                    | 2.7            | -            | 0          | -   | -      | -      | 20      | -   | 2.7                         | 2.7          | 58         | 0.3 | 11.1   | 22.2   | 20      | 1.8 |
| <a href="#">Lab026</a>       | 2                    | 2.7            | -            | 0          | -   | -      | -      | 36      | -   | 2.7                         | 2.8          | 212        | 0.5 | 17.9   | 39.4   | 36      | 1.8 |
| <a href="#">Lab027</a>       | 2                    | 2.9            | -            | 0          | -   | -      | -      | 20      | -   | 2.9                         | 2.7          | 147        | 0.5 | 18.5   | 43.9   | 20      | 0.7 |
| <a href="#">Lab028</a>       | 2                    | 3.3            | 3.2          | 12         | 0.2 | 6.3    | 15.5   | 20      | 2.7 | 3.3                         | 3.3          | 270        | 0.5 | 15.2   | 30.3   | 20      | 1.3 |
| <a href="#">Lab031</a>       | 2                    | 2.9            | -            | 0          | -   | -      | -      | 20      | -   | 2.9                         | 2.5          | 89         | 0.5 | 20.0   | 53.8   | 20      | 0.3 |
| <a href="#">Lab032</a>       | 2                    | 2.9            | 3.0          | 3          | 0.2 | 6.7    | 16.8   | 20      | 2.5 | 2.9                         | 2.7          | 222        | 0.5 | 18.5   | 43.9   | 20      | 0.7 |
| <a href="#">Lab033</a>       | 2                    | 2.7            | 2.8          | 4          | 0.2 | 7.1    | 18.0   | 20      | 2.3 | 2.7                         | 2.9          | 116        | 0.3 | 10.3   | 28.1   | 20      | 1.2 |
| <a href="#">Lab034</a>       | 2                    | 2.9            | 2.5          | 3          | 0.1 | 4.0    | 21.8   | 20      | 1.6 | 2.9                         | 3.0          | 65         | 0.2 | 6.7    | 16.8   | 20      | 2.5 |
| <a href="#">Lab035</a>       | 2                    | 2.9            | 2.6          | 3          | 0.0 | 0.0    | 10.3   | 20      | >6  | 2.9                         | 2.8          | 55         | 0.3 | 10.7   | 24.9   | 20      | 1.5 |
| <a href="#">Lab037</a>       | 2                    | 2.9            | 3.2          | 5          | 0.5 | 15.6   | 41.6   | 20      | 0.6 | 2.9                         | 3.0          | 31         | 0.4 | 13.3   | 30.1   | 20      | 1.2 |
| <a href="#">Lab038</a>       | 2                    | 2.9            | -            | 0          | -   | -      | -      | 20      | -   | 2.9                         | 3.1          | 55         | 0.5 | 16.1   | 39.2   | 20      | 0.8 |
| <a href="#">Lab040</a>       | 2                    | 2.9            | -            | 0          | -   | -      | -      | 20      | -   | 2.9                         | 2.5          | 5          | 0.1 | 4.0    | 21.8   | 20      | 1.6 |
| <b>Total</b>                 | -                    | -              | 2.9          | 46         | 0.4 | 13.8   | -      | -       | -   | -                           | 2.9          | 1701       | 0.6 | 20.7   | -      | -       | -   |

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

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

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

Month : 2016 07 Change

Cumulative : from 2014 02 01 to 2016 07 31 Change

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| Reagent Kit | Reagent Code |
|-------------|--------------|
| AMP         | 2            |