PT Astra Komponen Indonesia
Jl. Raya Mayor Oking Jayaatmaja Km. 2,2 No. 1, Karang Asem Barat
Citeureup, Bogor 16810

TESTING REPORT

Report No. : 001/QA-HCU/IV/25 Page : 1 of 3

Date : 23-Apr-25

This test conducted in accordance with TEST METHOD AND CRITERIA OF DiVi Lab Optima 4 in 1 GCU-BP Meter

The following sample(s) was/were submitted and identified as:

Part Name : DiVi Lab Optima 4 in 1 GCU-BP Meter

Brand : DiVi Lab

Model/Type : DV-I-001/25

Receiving Date : 22-Apr-25

Testing Period : 22-Apr-25

Test Name : **Precision**

Target Result(s) : <15%

Test Result(s) : Please refer to the next page(s)

Sample Qty 2

Signed for and on behalf of
PT Astra Komponen Indonesia

Dimas Adhitya	**Saiful Arif Nugroho**	**Atya Saniah**
QA Dept. Head	**QA Spv**	**Inspector**

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Test Method
The precision test is conducted using a reference material (Control solution) as the sample, ensuring that the instrument's coefficient of variation (CV) is <15%. The test is performed using a control solution at a normal level, with ten repetitions for each parameter. The obtained results are then used to calculate the average value, standard deviation (SD), and coefficient of variation (CV) to assess the instrument's stability and reliability.

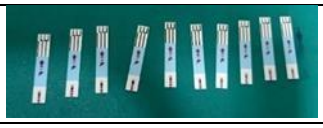
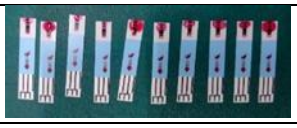
Glucose (mg/dL)				
Unit	Unit A		Unit B	
Level	Level 1	Level 2	Level 1	Level 2
1	78	453	81	420
2	80	423	65	420
3	79	512	81	400
4	80	436	81	435
5	80	423	83	447
6	79	443	79	438
7	76	456	79	458
8	80	433	82	437
9	81	442	84	438
10	80	424	80	454
Average	79,3	444,5	79,5	434,7
Standard Deviation	1,42	26,50	5,06	16,52
Coefficient of Variation	2%	6%	6%	4%

Cholesterol (mg/dL)				
Unit	Unit A		Unit B	
Level	Level 1	Level 2	Level 1	Level 2
1	26	23	27	22
2	26	21	24	21
3	26	21	25	20
4	25	23	25	23
5	24	21	26	20
6	33	20	30	20
7	30	20	31	20
8	27	18	27	17
9	25	22	26	20
10	25	21	25	21
Average	26,70	21,00	26,60	20,40
Standard Deviation	2,61	1,41	2,15	1,50
Coefficient of Variation	10%	7%	8%	7%

Uric Acid (mg/dL)				
Unit	Unit A		Unit B	
Level	Level 1	Level 2	Level 1	Level 2
1	6,9	7,2	7,5	7,7
2	9	7,8	7,6	7,4
3	7,4	7,3	9,1	7,4
4	6,9	8	9,2	7,3
5	7,4	7,2	7,7	7,4
6	6,9	7,1	10	8,7
7	7,2	7,6	7,7	6,4
8	7,4	7,5	7,3	7,9
9	6,9	8,5	7,9	7,4
10	7,7	9,5	7,6	7,5
Average	7,37	7,77	8,16	7,51
Standard Deviation	0,61	0,71	0,87	0,54
Coefficient of Variation	8%	9%	11%	7%

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Glucose	Cholesterol	Uric Acid
		

Conclusion

Based on the precision test results, all parameters meet the criteria with a coefficient of variation (CV) <15%. Therefore, DiVi Lab Optima 4 in 1 GCU-BP Meter demonstrates good precision and can be reliably used for measurements.

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