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/V/25 Page : 1 of 2

Date : 02-May-25

This test conducted in accordance with TEST METHOD AND CRITERIA OF DiVi Lab Core 3 in 1 Multifunctional Monitoring System (Blood Glucose, Cholesterol, and Uric Acid)

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

Part Name : DiVi Lab Core 3 in 1 Multifunctional Monitoring System (Blood Glucose, Cholesterol, and Uric Acid)

Brand : DiVi Lab

Model/Type : DV-I-002/25

Receiving Date : 02-May-25

Testing Period : 22-Apr-25 – 30-Apr-25

Test Location : Lab ASKI

Test Name : **Accuracy**

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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Report No. : 001/QA-HCU/V/25
Date : 02-May-25

Test Method

The accuracy test is conducted using a reference material (Control solution) as the sample, ensuring that the instrument's relative deviation falls within ±15% of the reference result. The test is performed using a control solution at a normal level, with three repetitions for each parameter. The obtained results are then used to calculate the average value and relative deviation to evaluate the instrument's consistency and accuracy.

Glucose (mg/dL)				
Unit	Unit A		Unit B	
Level	Level 1	Level 2	Level 1	Level 2
1	51	252	51	253
2	50	256	51	250
3	51	253	50	250
Average	50,6	253,6	50,6	251
Target Value	50,4	252,25	50,4	252,25
Relative Deviation	1%	1%	1%	0%

Cholesterol (mg/dL)				
Unit	Unit A		Unit B	
Level	Level 1	Level 2	Level 1	Level 2
1	138	274	134	253
2	146	246	133	254
3	130	246	135	253
Average	138	255,3	134	253,3
Target Value	154,68	270,69	154,68	270,69
Relative Deviation	-12%	-6%	-15%	-7%

Uric Acid (mg/dL)				
Unit	Unit A		Unit B	
Level	Level 1	Level 2	Level 1	Level 2
1	5,3	10,1	4,3	8,5
2	5,2	10,2	4,6	8,7
3	5,2	10,1	4,5	8,5
Average	5,2	10,1	4,4	8,5
Target Value	5,04	10,08	5,04	10,08
Relative Deviation	4%	1%	-11%	-15%

Glucose	Cholesterol	Uric Acid
		

Conclusion

Based on the accuracy test results, all parameters meet the established criteria, with relative deviations falling within the acceptable range (±15%). Therefore, DiVi Lab Core 3 in 1 Multifunctional Monitoring System (Blood Glucose, Cholesterol, and Uric Acid) is considered accurate and suitable for reliable measurement.

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TESTING REPORT

Report No. : 002/QA-HCU/V/25 Page : 1 of 3

Date : 02-May-25

This test conducted in accordance with TEST METHOD AND CRITERIA OF DiVi Lab Core 3 in 1 Multifunctional Monitoring System (Blood Glucose, Cholesterol, and Uric Acid)

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

Part Name : DiVi Lab Core 3 in 1 Multifunctional Monitoring System (Blood Glucose, Cholesterol, and Uric Acid)

Brand : DiVi Lab

Model/Type : DV-I-002/25

Receiving Date : 02-May-25

Testing Period : 22-Apr-25 – 30-Apr-25

Test Location : Lab ASKI

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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Report No. : 002/QA-HCU/V/25 Page : 2 of 3
Date : 02-May-25

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.

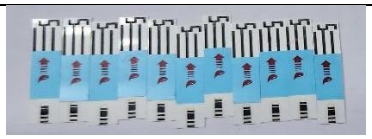
Glucose (mg/dL)				
Unit	Unit A		Unit B	
Level	Level 1	Level 2	Level 1	Level 2
1	51	248	50	240
2	51	252	50	246
3	51	247	49	253
4	50	256	58	253
5	52	251	50	250
6	52	257	51	250
7	51	264	51	259
8	50	257	50	253
9	52	259	51	254
10	51	253	50	250
Average	51,1	254,4	51	250,8
Standard Deviation	0,74	5,21	2,41	4,83
Coefficient of Variation	1%	2%	5%	2%

Cholesterol (mg/dL)				
Unit	Unit A		Unit B	
Level	Level 1	Level 2	Level 1	Level 2
1	138	274	131	253
2	134	246	125	247
3	146	242	118	254
4	127	246	129	241
5	134	245	117	244
6	124	245	133	242
7	130	239	129	244
8	122	235	132	242
9	132	242	117	242
10	129	244	135	253
Average	131,6	245,8	126,6	246,2
Standard Deviation	7,0	10,5	6,6	4,9
Coefficient of Variation	5%	4%	5%	2%

Uric Acid (mg/dL)				
Unit	Unit A		Unit B	
Level	Level 1	Level 2	Level 1	Level 2
1	5,4	10,1	4,6	8,2
2	5,6	10,1	4,4	8,4
3	5,4	10,2	4,4	8,5
4	5,4	10,2	4,3	8,5
5	5,2	10,1	4,4	8,4
6	5,3	9,6	4,4	8,4
7	5,2	9,9	4,3	8,2
8	5,2	10,0	4,3	8,3
9	5,2	10,2	4,4	8,4
10	5,2	10,3	4,5	8,7
Average	5,3	10,1	4,4	8,4
Standard Deviation	0,1	0,2	0,09	0,14
Coefficient of Variation	2%	2%	2%	2%

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Date : 02-May-25

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 Core 3 in 1 Multifunctional Monitoring System (Blood Glucose, Cholesterol, and Uric Acid) demonstrates good precision and can be reliably used for measurements.

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