

Patient Report **Result Reprint** Test Statistics Calibration Trace Calibration Monitor Error Log Reaction Curve Other

- Patient Entry(F2)
- Test Parameter(F3)
- Profiles / Calc(F4)
- QC/Calibration(F5)
- Consumables(F6)
- Status Monitor(F7)
- Search(F8)
- Master
- Utility(F11)
- Service Check
- Maintenance(F12)
- Settings
- Wake Up
- Shut Down
- Help (F1)

Last Batch Patients Controls Calibration

Print Lab details Mark 2SD/3SD

Deleted Test

Filter Test : ALL Consumable : NORM Batch : Total Tests : 14

Sr #	Lot #	Consumable	Test	Result	Unit	Flag	Result Date	Curve	Mean	SD	Interval (3SD)	
<input type="checkbox"/>	1	S022358	NORM	SGPTD	37.8	U/L	-1SD	07/20/2024 08:...	56500	40.53	2.7000	32.43 - 48.63
<input type="checkbox"/>	3	S022358	NORM	SGOTD	38.4	U/L		07/20/2024 08:...	56502	38.61	2.5700	30.9 - 46.32
<input type="checkbox"/>	5	S022358	NORM	ALPU	106	U/L	-1SD	07/20/2024 08:...	56504	117.25	7.8300	93.76 - 140.74
<input type="checkbox"/>	7	S022358	NORM	GGT	60.7	U/L		07/20/2024 08:...	56506	61.42	4.0900	49.15 - 73.69
<input type="checkbox"/>	9	S022358	NORM	BIDD	0.85	mg/dL	+3SD	07/20/2024 08:...	56508	0.64	0.0500	0.49 - 0.79
<input type="checkbox"/>	11	S022358	NORM	BIT	1.58	mg/dL	+1SD	07/20/2024 08:...	56510	1.36	0.1100	1.03 - 1.69
<input type="checkbox"/>	13	S022358	NORM	UREA	31.0	mg/dL	-1SD	07/20/2024 08:...	56512	34.31	1.7200	29.15 - 39.47
<input type="checkbox"/>	15	S022358	NORM	CRENZ	1.19	mg/dL	+1SD	07/20/2024 08:...	56514	1.1	0.0600	0.92 - 1.28
<input type="checkbox"/>	17	S022358	NORM	GLU	104.5	mg/dL	+2SD	07/20/2024 08:...	56516	92.72	4.6400	78.8 - 106.64
<input type="checkbox"/>	19	S022358	NORM	TRIG	119.1	mg/dL	+1SD	07/20/2024 08:...	56518	112.22	5.6100	95.39 - 129.05
<input type="checkbox"/>	21	S022358	NORM	CHOL	147	mg/dL		07/20/2024 08:...	56520	143.81	7.1900	122.24 - 165.38
<input type="checkbox"/>	23	S022358	NORM	UA	5.7	mg/dL		07/20/2024 08:...	56522	5.74	0.2900	4.87 - 6.61
<input type="checkbox"/>	25	S022358	NORM	PRO	5.47	g/dL		07/20/2024 08:...	56524	5.56	0.3700	4.45 - 6.67
<input type="checkbox"/>	27	S022358	NORM	BIDD	0.72	mg/dL	+1SD	07/20/2024 09:...	56533	0.64	0.0500	0.49 - 0.79

Indication : Select Consumable

- Patient Entry(F2)
- Test Parameter(F3)
- Profiles / Calc(F4)
- QC/Calibration(F5)
- Consumables(F6)
- Status Monitor(F7)
- Search(F8)
- Master
- Utility(F11)
- Service Check
- Maintenance(F12)
- Settings
- Wake Up
- Shut Down

Patient Report **Result Reprint** Test Statistics Calibration Trace Calibration Monitor Error Log Reaction Curve Other

Last Batch Patients Controls Calibration

Date wise

From : 20-Jul-2024 To : 20-Jul-2024

SHOW

Print Lab details Mark 2SD/3SD

Deleted Test

Filter Test : ALL Consumable : PATH Batch : Total Tests : 13

Sr #	Lot #	Consumable	Test	Result	Unit	Flag	Result Date	Curve	Mean	SD	Interval (3SD)
<input checked="" type="checkbox"/>	2	S022359	PATH	SGPTD	143.2	U/L	07/20/2024 08:...	56501	144.94	9.6600	115.96 - 173.92
<input type="checkbox"/>	4	S022359	PATH	SGOTD	142.4	U/L	07/20/2024 08:...	56503	144.95	9.6500	116 - 173.9
<input type="checkbox"/>	6	S022359	PATH	ALPU	410	U/L	-1SD 07/20/2024 08:...	56505	471.7	31.4400	377.38 - 566.02
<input type="checkbox"/>	8	S022359	PATH	GGT	149.1	U/L	07/20/2024 08:...	56507	154.39	10.2900	123.52 - 185.26
<input type="checkbox"/>	10	S022359	PATH	BIDD	2.07	mg/dL	07/20/2024 08:...	56509	1.97	0.1600	1.49 - 2.45
<input type="checkbox"/>	12	S022359	PATH	BIT	5.40	mg/dL	07/20/2024 08:...	56511	5.27	0.4300	3.98 - 6.56
<input type="checkbox"/>	14	S022359	PATH	UREA	98.6	mg/dL	07/20/2024 08:...	56513	95.65	4.7800	81.51 - 110.19
<input type="checkbox"/>	16	S022359	PATH	CRENZ	4.01	mg/dL	07/20/2024 08:...	56515	4.02	0.2200	3.36 - 4.68
<input type="checkbox"/>	18	S022359	PATH	GLU	270.1	mg/dL	07/20/2024 08:...	56517	272.82	13.6400	231.9 - 313.74
<input type="checkbox"/>	20	S022359	PATH	TRIG	195.8	mg/dL	-1SD 07/20/2024 08:...	56519	210.79	10.5300	179.2 - 242.38
<input type="checkbox"/>	22	S022359	PATH	CHOL	213	mg/dL	+2SD 07/20/2024 08:...	56521	183.9	12.0400	147.78 - 220.02
<input type="checkbox"/>	24	S022359	PATH	UA	11.8	mg/dL	07/20/2024 08:...	56523	11.99	0.5900	10.22 - 13.76
<input type="checkbox"/>	26	S022359	PATH	PRO	8.90	g/dL	07/20/2024 08:...	56525	8.43	0.5600	6.75 - 10.11

- Patient Entry(F2)
- Test Parameter(F3)
- Profiles / Calc(F4)
- QC/Calibration(F5)
- Consumables(F6)
- Status Monitor(F7)
- Search(F8)
- Master
- Utility(F11)
- Service Check
- Maintenance(F12)
- Settings
- Hibernate
- Shut Down

Last Batch Patients Controls Calibration

Print Lab details Mark 2SD/3SD

Deleted Test

From : 21-Jul-2024 To : 21-Jul-2024

Filter Test: ALL Consumable: PATH Batch: Total Tests: 16

Sr #	Lot #	Consumable	Test	Result	Unit	Flag	Result Date	Curve	Mean	SD	Interval (3SD)
2	S122325	PATH	SGPTD	125.6	U/L	-1SD	07/21/2024 08...	56622	138.44	9.2300	110.75 - 166.13
4	S122325	PATH	SGOTD	138.2	U/L		07/21/2024 08...	56624	139.72	9.3100	111.79 - 167.65
6	S122325	PATH	ALPJI	390	U/L	-1SD	07/21/2024 08...	56626	439.39	29.2900	351.52 - 527.26
8	S122325	PATH	GGT	146.7	U/L	+1SD	07/21/2024 08...	56628	136.28	9.0900	109.01 - 163.55
10	S122325	PATH	BID0	2.09	ng/dL		07/21/2024 08...	56630	2.11	0.1800	1.57 - 2.65
12	S122325	PATH	BIT	5.28	ng/dL		07/21/2024 08...	56632	5.26	0.4400	3.94 - 6.58
14	S122325	PATH	UREA	100.7	mg/dL	+1SD	07/21/2024 08...	56634	91.6	4.5800	77.86 - 105.34
16	S122325	PATH	CRENZ	4.21	ng/dL	+1SD	07/21/2024 08...	56636	3.89	0.2200	3.23 - 4.55
18	S122325	PATH	GLU	270.0	mg/dL		07/21/2024 08...	56638	257.35	12.8700	218.74 - 295.96
20	S122325	PATH	TRIG	193.4	mg/dL	-1SD	07/21/2024 08...	56640	208.85	10.4400	177.53 - 240.17
22	S122325	PATH	CHOL	207	mg/dL		07/21/2024 08...	56642	216.08	10.8000	183.68 - 248.48
24	S122325	PATH	UA	11.5	mg/dL		07/21/2024 08...	56644	11.4	0.5700	9.69 - 13.11
26	S122325	PATH	CA	12.3	mg/dL	+3SD	07/21/2024 08...	56646	10.56	0.5300	8.97 - 12.15
28	S122325	PATH	ALBO	4.67	g/dL	F...	07/21/2024 08...	56648	4.95	0.2500	4.2 - 5.7
30	S122325	PATH	PRO	8.26	g/dL		07/21/2024 08...	56650	8.53	0.5700	6.82 - 10.24
31	S122325	PATH	CA	11.6	mg/dL	+1SD	07/21/2024 08...	56651	10.56	0.5300	8.97 - 12.15

MultikL v2021.C03 [EM 200] TLS - Reports - Result Reprint

Patient Report
 Result Reprint
 Test Statistics
 Calibration Trace
 Calibration Monitor
 Error Log
 Reaction Curve
 Other

Last Batch
 Patients
 Controls
 Calibration
 Print Lab details
 Mark 250/250

Date wise
 Deleted Test

From : 21-Jul-2024
To : 21-Jul-2024
SHOW

Filter
Test : ALL
Consumable : NORM
Batch :
Total Tests : 15

Sr #	Lot #	Consumable	Test	Result	Unit	Flag	Result Date	Curve	Mean	SD	Interval (3SD)
1	5122324	NORM	SGPTD	40.4	U/L	-1SD	07/21/2024 08:...	56621	43.3	2.8900	34.63 - 61.97
3	5122324	NORM	SGOTD	36.6	U/L	-1SD	07/21/2024 08:...	56623	39.39	2.6300	31.5 - 47.28
5	5122324	NORM	ALPU	99	U/L	-1SD	07/21/2024 08:...	56625	113.04	7.5400	90.42 - 135.66
7	5122324	NORM	GGT	60.7	U/L		07/21/2024 08:...	56627	62.88	4.1900	50.32 - 75.46
9	5122324	NORM	BIDD	0.81	mg/dL		07/21/2024 08:...	56629	0.86	0.0700	0.65 - 1.07
11	5122324	NORM	BIT	1.59	mg/dL		07/21/2024 08:...	56631	1.52	0.1300	1.13 - 1.91
13	5122324	NORM	UREA	32.0	mg/dL	+1SD	07/21/2024 08:...	56633	29.77	1.4900	25.3 - 34.24
15	5122324	NORM	CRENZ	1.29	mg/dL	+2SD	07/21/2024 08:...	56635	1.14	0.0600	0.96 - 1.32
17	5122324	NORM	GLU	104.5	mg/dL	+1SD	07/21/2024 08:...	56637	98.85	4.9400	84.03 - 113.67
19	5122324	NORM	TRIG	115.4	mg/dL		07/21/2024 08:...	56639	120.89	6.0400	102.77 - 139.01
21	5122324	NORM	CHOL	142	mg/dL		07/21/2024 08:...	56641	146.55	7.3300	124.56 - 168.54
23	5122324	NORM	UA	5.4	mg/dL		07/21/2024 08:...	56643	5.41	0.2700	4.6 - 6.22
25	5122324	NORM	CA	9.9	mg/dL	+2SD	07/21/2024 08:...	56645	8.75	0.4400	7.43 - 10.07
27	5122324	NORM	ALBD	3.30	g/dL	F _u	07/21/2024 08:...	56647	3.55	0.1800	3.01 - 4.09
29	5122324	NORM	PRO	5.59	g/dL		07/21/2024 08:...	56649	5.85	0.3900	4.68 - 7.02

Select All
 Invert Selection
 Print
 Export

Indication
 Select Consumable

Date wise
 From : 19-Jul-2024
 To : 19-Jul-2024

(X) Deleted Test

Select All

Print

Invert Selection

Export

SHOW

Filter

Test

ALL

Consumable

NORM

Batch

Total Tests : 13

Sr #	Lot #	Consumable	Test	Result	Unit	Flag	Result Date	Curve	Mean	SD	Interval (3SD)	
<input checked="" type="checkbox"/>	1	S022358	NORM	SGPTD	34.3	U/L	-2SD	07/19/2024 08:...	56398	40.53	2.7000	32.43 - 48.63
<input type="checkbox"/>	3	S022358	NORM	SGOTD	36.0	U/L	-1SD	07/19/2024 08:...	56400	38.61	2.5700	30.9 - 46.32
<input type="checkbox"/>	5	S022358	NORM	ALPU	100	U/L	-2SD	07/19/2024 08:...	56402	117.25	7.8300	93.76 - 140.74
<input type="checkbox"/>	7	S022358	NORM	BIDD	0.73	mg/dL	+1SD	07/19/2024 08:...	56404	0.64	0.0500	0.49 - 0.79
<input type="checkbox"/>	9	S022358	NORM	BIT	1.24	mg/dL	-1SD	07/19/2024 08:...	56406	1.36	0.1100	1.03 - 1.69
<input type="checkbox"/>	11	S022358	NORM	UREA	29.4	mg/dL	-2SD	07/19/2024 08:...	56408	34.31	1.7200	29.15 - 39.47
<input type="checkbox"/>	13	S022358	NORM	CRENZ	1.10	mg/dL		07/19/2024 08:...	56410	1.1	0.0600	0.92 - 1.28
<input type="checkbox"/>	15	S022358	NORM	GLU	99.2	mg/dL	+1SD	07/19/2024 08:...	56412	92.72	4.6400	78.8 - 106.64
<input type="checkbox"/>	17	S022358	NORM	TRIG	107.5	mg/dL		07/19/2024 08:...	56414	112.22	5.6100	95.39 - 129.05
<input type="checkbox"/>	19	S022358	NORM	CHOL	133	mg/dL	-1SD	07/19/2024 08:...	56416	143.81	7.1900	122.24 - 165.38
<input type="checkbox"/>	21	S022358	NORM	UA	5.4	mg/dL	-1SD	07/19/2024 08:...	56418	5.74	0.2900	4.87 - 6.61
<input type="checkbox"/>	23	S022358	NORM	CA	9.0	mg/dL		07/19/2024 08:...	56420	8.97	0.4500	7.62 - 10.32
<input type="checkbox"/>	25	S022358	NORM	PRO	5.33	g/dL		07/19/2024 09:...	56422	5.56	0.3700	4.45 - 6.67

QC TESTING PROTOCOL

PRODUCT : EM 200

SERIAL NO. : V200070

PROV. NO. : 17/05V


ASW VERSION : 2021.C03

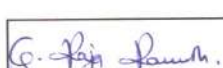
ESW VERSION : 2021.RS0.02

VOLTAGE SUPPLY : 220 V

DATE : 12-18-2021

CONCLUSION: : PASS

REVIEWED BY: : 
(Prod. Head):

VERIFIED & APPROVED BY : 
(QA Head)

QC TESTING PROTOCOL

.....Prov. No. 17/05V

[A] PHYSICAL CHECKING

Verified by : Name

PRAVEEN

Sign

P. G. Praveen

- | | | | | | |
|------------------------------------|-------------|-----------------------------|---------------|-----------------------------|---|
| 1) 50 POSITION REAGENT TRAY (RGT) | Fitting : | <input type="checkbox"/> OK | Movement : | <input type="checkbox"/> OK | |
| 2) SAMPLE TRAY ASSEMBLY (ASP) | Fitting : | <input type="checkbox"/> OK | Movement : | <input type="checkbox"/> OK | |
| 3) 45 POSITION REACTION TRAY (RCT) | Centering : | <input type="checkbox"/> OK | Movement : | <input type="checkbox"/> OK | |
| 4) REAGENT/SAMPLE PIPETTOR | Centering : | <input type="checkbox"/> OK | Movement : | <input type="checkbox"/> OK | Liquid Flow : <input type="checkbox"/> OK |
| 5) STIRRER | Centering : | <input type="checkbox"/> OK | Movement : | <input type="checkbox"/> OK | |
| 6) CUVETTE RINSING UNIT (CRU) | Centering : | <input type="checkbox"/> OK | Liquid Flow : | <input type="checkbox"/> OK | Drier Chip : <input type="checkbox"/> OK |
| 7) SYRINGE (REAGENT/SAMPLE) | Fitting : | <input type="checkbox"/> OK | Movement : | <input type="checkbox"/> OK | |
| 8) REACTION TRAY COVER | Fitting : | <input type="checkbox"/> OK | | | |
| 9) REAGENT TRAY COVER | Fitting : | <input type="checkbox"/> OK | | | |
| 10) DOME COVER | Fitting : | <input type="checkbox"/> OK | | | |
| 11) GAS SPRINGS | Closing : | <input type="checkbox"/> OK | Movement : | <input type="checkbox"/> OK | |
| 12) INDICATOR LAMPS | | | | | |
| a) ANALYZER SWITCH : | | <input type="checkbox"/> OK | | | |
| b) LED ON STIRRER, ARM AND PANEL : | | <input type="checkbox"/> OK | | | |

QC TESTING PROTOCOL

.....Prov. No. 17/05V

[B] PRE-BIOCHEMISTRY CHECK

Verified by : Name PRAVEEN

Sign

1) TEMPERATURE

		Observed		Acceptance
SERVICE MENU	RCT:	37	°C	36.8 to 37.2°C
	RGT:	8	°C	04 to 12 °C
RUN TEST	RCT:	37	°C	36.8 to 37.2°C
	RGT:	5	°C	04 to 12 °C

2) AUTO SPAN SET

Acceptance criteria for Gain at all wavelength: 380 to 600

WAVELENGTH	GAIN		
	1	2	3
340	472	472	472
405	471	472	472
505	444	445	445
546	467	467	467
578	462	462	462
600	456	456	456
660	440	440	440
700	445	446	445

3) PRESSURE ERROR DISPLAY :

- a) LESS THAN 0.6 BAR
- b) GREATER THAN 1.2 BAR
- c) BETWEEN 0.6 TO 1.2 BAR

4) SENSORS :

- | | | | |
|------------------------|---|------------------------|---|
| 1. DEIONISED WATER | <input style="border: 1px solid black; padding: 2px 10px;" type="text" value="OK"/> | 5. RGT COVER SWITCH | <input style="border: 1px solid black; padding: 2px 10px;" type="text" value="OK"/> |
| 2. DETERGENT | <input style="border: 1px solid black; padding: 2px 10px;" type="text" value="OK"/> | 6. LIQUID LEVEL SENSOR | <input style="border: 1px solid black; padding: 2px 10px;" type="text" value="OK"/> |
| 3. BIO-HAZARDOUS WASTE | <input style="border: 1px solid black; padding: 2px 10px;" type="text" value="OK"/> | 7. DOME SENSOR LEVEL 1 | <input style="border: 1px solid black; padding: 2px 10px;" type="text" value="OK"/> |
| 4. WASTE | <input style="border: 1px solid black; padding: 2px 10px;" type="text" value="OK"/> | 8. DOME SENSOR LEVEL 2 | <input style="border: 1px solid black; padding: 2px 10px;" type="text" value="OK"/> |

QC TESTING PROTOCOL

.....Prov. No. 17/05V

[C] OTHER FUNCTIONAL CHECKS Verified by : Name

PRAVEEN

Sign

P. G. Raju

1) PRIME MODE	<input style="width: 100%;" type="text" value="OK"/>	10) QC MODE	<input style="width: 100%;" type="text" value="OK"/>
2) CUVETTE RINSE	<input style="width: 100%;" type="text" value="OK"/>	11) MULTIPPOINT CALIBRATION	<input style="width: 100%;" type="text" value="OK"/>
3) AUTOWASH	<input style="width: 100%;" type="text" value="OK"/>	12) EMERGENCY MODE	<input style="width: 100%;" type="text" value="OK"/>
4) PROBE WASH	<input style="width: 100%;" type="text" value="OK"/>	13) DILUTION MODE	<input style="width: 100%;" type="text" value="OK"/>
5) WATER SAVE	<input style="width: 100%;" type="text" value="OK"/>	14) 2 REAGENT CHEMISTRY	<input style="width: 100%;" type="text" value="OK"/>
6) DEAD VOLUME CALIBRATION	<input style="width: 100%;" type="text" value="OK"/>	15) REACTION CURVE	<input style="width: 100%;" type="text" value="OK"/>
7) REAGENT LEVEL SCAN	<input style="width: 100%;" type="text" value="OK"/>	16) RECALCULATION	<input style="width: 100%;" type="text" value="OK"/>
8) HIBERNATE MODE	<input style="width: 100%;" type="text" value="OK"/>	17) RESULT REPRINT	<input style="width: 100%;" type="text" value="OK"/>
9) AUTOSTARTUP-SHUTDOWN MAINTAINANCE	<input style="width: 100%;" type="text" value="OK"/>	18) PATIENT REPORT PRINT	<input style="width: 100%;" type="text" value="OK"/>

[D] DEAD VOLUME CHECK

Verified by : Name

PRAVEEN

Sign

P. G. Raju

	Observed	Acceptance
<u>SAMPLE :</u>		
SAMPLE CUP (2ML) in μ l	<input style="width: 100%;" type="text" value="100"/>	50 μ l - 150 μ l
SAMPLE MICROCUP (500 ul)in μ l	<input style="width: 100%;" type="text" value="100"/>	50 μ l - 150 μ l
SAMPLE TUBE(5 - 7 ML)in μ l	<input style="width: 100%;" type="text" value="300"/>	250 μ l - 450 μ l
<u>REAGENT :</u>		
REAGENT : 50ML BOTTLEin ml	<input style="width: 100%;" type="text" value="1.9"/>	1.5 ml - 2.5 ml
REAGENT : 20ML BOTTLEin ml	<input style="width: 100%;" type="text" value="1.4"/>	1.0 ml - 2.0 ml
REAGENT : 5 ML ADAPTORin μ l	<input style="width: 100%;" type="text" value="440"/>	350 μ l - 650 μ l

QC TESTING PROTOCOL

.....Prov. No. 17/05V

E) OPTIONAL CONFIGURATION STATUS

Verified by : Name

PRAVEEN

Sign

P. Praveen

1] IS MACHINE WITH ISE MODULE? (YES / NO)

NO

Centering:

NA

Electrodes:

NA

2] IS MACHINE WITH BARCODE? (YES / NO)

YES

2.1) SAMPLE BARCODE SCAN

NA

2.2) REAGENT BARCODE SCAN

OK

3] IS MACHINE WITH TEST LOADER? (YES / NO)

YES

TEST LOADER CHECK

OK

[F] AESTHETICS

Verified by : Name

PRAVEEN

Sign

P. Praveen

1) NO DENT MARKS & SCRATCHES ON FRONT PANEL, SIDE PANEL & REAR PANEL

OK

2) DOME OPEN & CLOSE MOVEMENT SMOOTHLY, WITHOUT ANY JERKS

OK

3) NO SHADE VARIATIONS IN PANELS

OK

4) NO DUST/FOREIGN PARTICLES ON THE INSTRUMENT

OK

5) PROPER PLACEMENT OF BUFFERS FOR PROTECTION TO PROBES, STIRRER

OK

6) PROPER FITMENT OF ARM COVER & STIRRER COVER

OK

7) CRU PROBES SPRING ACTIONS SHOULD BE SMOOTH

OK

8) SCREW OF CONTAINERS SHOULD NOT PROTRUDE OUT FROM CONTAINER SURFACE

OK

9) CONTAINER RING SHOULD BE FIRMLY FITTED ON TO THE TOP PANELS

OK

10) NO TEFLON COATING PEEL OFF FOR STIRRER PADDLE

OK

