

MultiXL----Result Reprint----22-Feb-2021 15:14:30

PGM DIAGNOSTICS
F-41/42, Gokul Nagari-II,
Dattani Rd., Western Express Highway,
Thakur Village, Kandivali (East),
Mumbai-101. Ph.No. 7506003919

Date wise ---> From: 15-Feb-2021 --- To: 22-Feb-2021

Report Type ---> Patients

Test ---> ALL

Sample ID ---> ALL

Sr #	Sample ID	Patient Name	Test	Result	Unit	Flag
	1 bo tejal	BID		0.55 mg/dl	H	02/15/2021
	2 bo tejal	BIT		15.37 mg/dl	H	02/15/2021
	3 deepak	SGPTD		26.9 U/L		02/15/2021
	4 deepak	SGOTD		20.4 U/L		02/15/2021
	5 deepak	CRENZ		0.82 mg/dl		02/15/2021
	6 meena	SGPTD		28 U/L		02/15/2021
	7 meena	SGOTD		20.4 U/L		02/15/2021
	8 meena	CRENZ		0.4 mg/dl	L	02/15/2021
	9 vijaykumar-pp	GLU		93.4 mg/dl		02/15/2021
	10 vandana-fbs	GLU		117.4 mg/dl	H	02/15/2021
	11 vijaykumar-fbs	GLU		85 mg/dl		02/15/2021
	12 manoj-fbs	GLU		107.1 mg/dl	H	02/15/2021
	13 giraja-fbs	GLU		106.4 mg/dl	H	02/15/2021
	14 jayprakash-fbs	GLU		115.3 mg/dl	H	02/15/2021
	15 vijaykumar	SGPTD		12.2 U/L		02/15/2021
	16 vijaykumar	SGOTD		20.4 U/L		02/15/2021
	17 vijaykumar	GGT		14.4 U/L	F	02/15/2021
	18 vijaykumar	PHOS		3.67 mg/dl		02/15/2021
	19 vijaykumar	BID		0.37 mg/dl	H	02/15/2021
	20 vijaykumar	BIT		0.72 mg/dl		02/15/2021
	21 vijaykumar	UREA		27.4 mg/dl		02/15/2021
	22 vijaykumar	CRENZ		0.78 mg/dl		02/15/2021
	23 vijaykumar	TRIG		109.3 mg/dl		02/15/2021
	24 vijaykumar	HDLC		48.1 mg/dl		02/15/2021
	25 vijaykumar	UA		5.6 mg/dl		02/15/2021
	26 vijaykumar	ALB		4.13 g/dl		02/15/2021
	27 vijaykumar	PROTE		7.41 g/dl		02/15/2021
	28 vijaykumar	ALPE		129 U/L	H	02/15/2021
	29 vijaykumar	CHOLE		135 mg/dl		02/15/2021
	30 mano	CRENZ		0.81 mg/dl		02/15/2021
	31 mano	TRIG		142.5 mg/dl		02/15/2021
	32 mano	HDLC		47.3 mg/dl		02/15/2021
	33 mano	CHOLE		148 mg/dl		02/15/2021
	34 manoj	HBA1E		6 %		02/15/2021
	35 manoj	MBG		125.5 mg/dl		02/15/2021
	36 vandana-pp	GLU		172.2 mg/dl	H	02/15/2021
	37 harishchandra-pp	GLU		109.9 mg/dl	H	02/15/2021
	38 vijaykumar-hba1c	HBA1E		6.1 %	H	02/15/2021
	39 vijaykumar-hba1c	MBG		128.4 mg/dl		02/15/2021
	40 harishchandra-hba1	HBA1E		5.3 %		02/15/2021
	41 harishchandra-hba1	MBG		105.4 mg/dl		02/15/2021
	42 VINAY	CRPE		202.8 mg/l	H	02/15/2021

104 daksh	BID	0.48 mg/dl	H	02/16/2020
105 daksh	BIT	0.92 mg/dl		02/16/2020
106 daksh	CRENZ	0.81 mg/dl		02/16/2020
107 durgaprasad	SGPTD	32.9 U/L		02/16/2020
108 durgaprasad	SGOTD	24.7 U/L		02/16/2020
109 durgaprasad	GGT	136 U/L	F,H	02/16/2020
110 durgaprasad	BID	0.32 mg/dl	H	02/16/2020
111 durgaprasad	BIT	0.71 mg/dl		02/16/2020
112 durgaprasad	ALB	4.24 g/dl		02/16/2020
113 durgaprasad	PROTE	8.26 g/dl		02/16/2020
114 durgaprasad	ALPE	96 U/L		02/16/2020
115 mahendra	SGPTD	22.5 U/L		02/16/2020
116 mahendra	SGOTD	28.2 U/L		02/16/2020
117 mahendra	GGT	16.7 U/L	F	02/16/2020
118 mahendra	PHOS	3.07 mg/dl		02/16/2020
119 mahendra	BID	0.27 mg/dl	H	02/16/2020
120 mahendra	BIT	0.6 mg/dl		02/16/2020
121 mahendra	UREA	20.2 mg/dl		02/16/2020
122 mahendra	CRENZ	0.82 mg/dl		02/16/2020
123 mahendra	TRIG	104.5 mg/dl		02/16/2020
124 mahendra	HDLC	49.8 mg/dl		02/16/2020
125 mahendra	UA	5.8 mg/dl		02/16/2020
126 mahendra	ALB	4.22 g/dl		02/16/2020
127 mahendra	PROTE	7.65 g/dl		02/16/2020
128 mahendra	ALPE	85 U/L		02/16/2020
129 mahendra	CHOLE	181 mg/dl		02/16/2020
130 suvarna-pp	GLU	294.6 mg/dl	H	02/16/2020
131 dipesh-pp	GLU	309.3 mg/dl	H	02/16/2020
132 surekha-pp	GLU	150 mg/dl	H	02/16/2020
133 manda-hba1c	GLU	10.1 %	H	02/16/2020
134 manda-hba1c	HBA1E	243.2 mg/dl		02/16/2020
135 niraj-pp	MBG	297.9 mg/dl	H	02/16/2020
136 manda-pp	GLU	365.8 mg/dl		02/16/2020
137 manju-pp	GLU	183.4 mg/dl		02/16/2020
138 pratap-pp	GLU	132.8 mg/dl		02/16/2020
139 manju-fbs-	GLU	42.2 mg/dl		02/16/2020
140 mohan-pp	GLU	126.1 mg/dl		02/16/2020
141 shalini-pp	GLU	130.9 mg/dl		02/16/2020
142 mahendra-pp	GLU	91.8 mg/dl		02/16/2020
143 leela	SGPTD	32.7 U/L		02/16/2020
144 leela	SGOTD	25.4 U/L		02/16/2020
145 leela	CRENZ	0.47 mg/dl		02/16/2020
146 siddhee fbs	GLU	124.8 mg/dl		02/17/2020
147 geeta gawade fbs	GLU	77.5 mg/dl		02/17/2020
148 namratha fbs1	GLU	119 mg/dl		02/17/2020
149 ravindra fbs2	GLU	106.8 mg/dl		02/17/2020
150 r venkata fbs3	GLU	116.4 mg/dl		02/17/2020
151 anuradha fbs4	GLU	107.9 mg/dl		02/17/2020
152 pushpa fbs	GLU	277.9 mg/dl		02/17/2020
153 santosh fbs1	GLU	109.3 mg/dl		02/17/2020

PGM DIAGNOSTICS
 F-4149, Gokul Nagari-II,
 Dattani Rd., Western Express Highway,
 T. Nagar Village, Kandivali (East),
 Mumbai-401014 Ph No. 7506003919

MultiXL----Calibration Monitor----16-Feb-2021 02:35:29 PM

No.	Test	Curve Type	Type	Consumabl	Lot #	Conc.	Abs	Factor	C _z	Accept
1	ALB	Linear	BLANK	DW1	S052025A	0	0.0586	0	0	15
		Linear	STD1	MULTICAL	1707039C	3.23	0.4131	9.1101	0	15
2	PROTE	Linear	BLANK	DW1	S052025A	0	0.0876	0	0	15
		Linear	STD1	MULTICAL	1707039C	5.1	0.3587	18.8157	0	15
3	BID	Linear	BLANK	DW1	S052025A	0	0.0014	0	0	15
		Linear	STD1	MULTICAL	1707039C	2.28	0.0973	23.7624	0	15
4	BIT	Linear	BLANK	DW1	S052025A	0	0.0001	0	0	15
		Linear	STD1	MULTICAL	1707039C	5.18	0.1807	28.6822	0	15
5	CHOLE	Linear	BLANK	DW1	S052025A	0	0.0889	0	0	15
		Linear	STD1	MULTICAL	1707039C	157	0.322	673.3862	0	15
6	GLU	Linear	BLANK	DW1	S052025A	0	0.0302	0	0	15
		Linear	STD1	MULTICAL	1707039C	202	0.627	338.4435	0	15
7	GGT	Linear	BLANK	DW1	S052025A	0	0.0022	0	0	15
		Linear	STD1	MULTICAL	1707039C	140	0.0766	1882.986	0	15
8	HDL	Linear	BLANK	DW	24	0	0.0052	0	0	15
		Linear	STD1	HDL STD	1801167	65.5	0.0926	749.428	0	15
9	GOTHL	Linear	BLANK	DW	24	0	-0.0006	0	0	15
		Linear	STD1	MULTICAL	1707039C	102	-0.0267	-3915.55	0	15
10	SGPTD	Linear	BLANK	DW1	S052025A	0	-0.0004	0	0	15
		Linear	STD1	MULTICAL	1707039C	92.7	-0.0319	-2942.86	0	15
11	TRIG	Linear	BLANK	DW1	S052025A	0	0.0072	0	0	15
		Linear	STD1	MULTICAL	1707039C	139	0.2154	667.6273	0	15
12	UREA	Linear	BLANK	DW1	S052025A	0	-0.0173	0	0	15
		Linear	STD1	MULTICAL	1707039C	99.1	-0.2314	-462.868	0	15
13	CA	Linear	BLANK	DW	24	0	0.4433	0	0	15
		Linear	STD1	MULTICAL	1707039C	10.5	0.8023	29.2479	0	15
14	CRENZ	Linear	BLANK	DW1	S052025A	0	0.012	0	0	15
		Linear	STD1	MULTICAL	1707039C	3.82	0.0947	46.1631	0	15
16	PHOS	Linear	BLANK	DW1	S052025A	0	0.2566	0	0	15
		Linear	STD1	MULTICAL	1707039C	5.46	0.5193	20.7802	0	15
17	ALPE	Linear	BLANK	DW1	S052025A	0	0.0005	0	0	15
		Linear	STD1	MULTICAL	1707039C	256	0.0481	5378.151	0	15
18	UA	Linear	BLANK	DW1	S052025A	0	0.0058	0	0	15
		Linear	STD1	MULTICAL	1707039C	5.83	0.0788	79.8083	0	15
19	CRPE	Linear	BLANK	CRP B	B102087	0	0.0049	0	0	0
		Linear	STD1	CRPE STD	S052010	64	1.0576	60.796	0	0
20	CHOL	Linear	BLANK	DW	24	0	0.0624	0	0	15
		Linear	STD1	MULTICAL	1707039C	147	0.3052	605.3119	0	15
21	HDLE	Linear	BLANK	DW	24	0	0.0051	0	0	15
		Linear	STD1	HDL STD--H	1801167	60.2	0.085	753.9136	0	15
22	EZCRT	Linear	BLANK	DW	24	0	0.0061	0	0	15
		Linear	STD1	EZCRT AG	12345	2	0.0549	40.9836	0	15
23	CREAT	Linear	BLANK	DW	24	0	0.0018	0	0	15
		Linear	STD1	MULTICAL	1707039C	3.84	0.0477	83.4783	0	15
24	SGOTD	Linear	BLANK	DW1	S052025A	0	-0.0005	0	0	15
		Linear	STD1	MULTICAL	1707039C	95.1	-0.0329	-2939.72	0	15

MultiXL----Result Reprint----22-Feb-2021 14:57:10

Date wise ----> From: 01-Feb-2021 --- To: 22-Feb-2021

Report Type ----> Controls

Test ----> ALL

Consumable ----> ALL

PGM DIAGNOSTICS
 F-41/42, Gokul Nagari-II,
 Daltani Rd., Western Express Highway,
 Thakur Village, Kandivali (East),
 Mumbai-101 Ph.No 7506003919

Sr #	Lot #	Consumabl	Test	Result	Unit	Flag	Result Date	Curve #	Mean	SD	Interval (3SD)
1	B051765B	erba path	SGPTD	135.7	U/L		02/01/2021 12:32	55036	144.1	9.61	115.27 - 172.93
2	B051765B	erba path	SGOTD	134.3	U/L	-1SD	02/01/2021 12:32	55037	146.76	9.78	117.42 - 176.1
3	B051765B	erba path	GGT	149.7	U/L	F,-2SD	02/01/2021 12:32	55038	183.75	12.75	145.5 - 222
4	B051765B	erba path	PHOS	7.74	mg/dl	+1SD	02/01/2021 12:33	55039	7.33	0.37	6.22 - 8.44
5	B051765B	erba path	BID	1.6	mg/dl		02/01/2021 12:33	55040	1.59	0.13	1.2 - 1.98
6	B051765B	erba path	BIT	5.43	mg/dl	+1SD	02/01/2021 12:33	55041	4.97	0.41	3.74 - 6.2
7	B051765B	erba path	UREA	107.9	mg/dl	+1SD	02/01/2021 12:33	55042	98.89	4.94	84.07 - 113.71
8	B051765B	erba path	CRENZ	3.8	mg/dl	+1SD	02/01/2021 12:34	55043	3.52	0.24	2.8 - 4.24
9	B051765B	erba path	GLU	244.9	mg/dl	-1SD	02/01/2021 12:34	55044	262.31	13.12	222.95 - 301.67
10	B051765B	erba path	TRIG	172.1	mg/dl		02/01/2021 12:34	55045	170.43	8.52	144.87 - 195.99
11	B051765B	erba path	UA	12.4	mg/dl		02/01/2021 12:35	55046	12.17	0.61	10.34 - 14
12	B051765B	erba path	ALB	5.13	g/dl		02/01/2021 12:35	55047	5.02	0.25	4.27 - 5.77
14	B051765B	erba path	ALPE	515	U/L		02/01/2021 12:36	55049	495.27	33.02	396.21 - 594.33
15	B051765B	erba path	CHOLE	285	mg/dl	+1SD	02/01/2021 12:36	55050	264.18	13.21	224.55 - 303.81
16	B051765B	erba path	SGPTD	131.2	U/L	-1SD	02/02/2021 12:45	55135	144.1	9.61	115.27 - 172.93
17	B051765B	erba path	SGOTD	134.1	U/L	-1SD	02/02/2021 12:46	55140	146.76	9.78	117.42 - 176.1
19	B051765B	erba path	PHOS	7.47	mg/dl		02/02/2021 12:50	55152	7.33	0.37	6.22 - 8.44
20	B051765B	erba path	BID	1.62	mg/dl		02/02/2021 12:51	55157	1.59	0.13	1.2 - 1.98
21	B051765B	erba path	BIT	5.38	mg/dl	+1SD	02/02/2021 12:53	55162	4.97	0.41	3.74 - 6.2
22	B051765B	erba path	UREA	95	mg/dl		02/02/2021 12:54	55167	98.89	4.94	84.07 - 113.71
23	B051765B	erba path	CRENZ	3.64	mg/dl		02/02/2021 12:56	55172	3.52	0.24	2.8 - 4.24
24	B051765B	erba path	GLU	256.2	mg/dl		02/02/2021 12:57	55177	262.31	13.12	222.95 - 301.67
25	B051765B	erba path	TRIG	165.9	mg/dl		02/02/2021 12:59	55182	170.43	8.52	144.87 - 195.99

26	B051765B	erba path	UA	12 mg/dl		02/02/2021 13:01	55189	12.17	0.61 10.34 - 14
27	B051765B	erba path	ALB	5.22 g/dl		02/02/2021 13:02	55194	5.02	0.25 4.27 - 5.77
28	B051765B	erba path	PROTE	9.89 g/dl	+1SD	02/02/2021 13:04	55199	9.12	0.46 7.74 - 10.5
29	B051765B	erba path	ALPE	558 U/L	+1SD	02/02/2021 13:06	55206	495.27	33.02 396.21 - 594.33
30	B051765B	erba path	CHOLE	258 mg/dl		02/02/2021 13:08	55211	264.18	13.21 224.55 - 303.81
31	B051765B	erba path	SGPTD	134.8 U/L		02/03/2021 12:00	55262	144.1	9.61 115.27 - 172.93
32	B051765B	erba path	SGOTD	138.4 U/L		02/03/2021 12:00	55263	146.76	9.78 117.42 - 176.1
34	B051765B	erba path	PHOS	7.62 mg/dl		02/03/2021 12:01	55265	7.33	0.37 6.22 - 8.44
35	B051765B	erba path	BID	1.58 mg/dl		02/03/2021 12:01	55266	1.59	0.13 1.2 - 1.98
36	B051765B	erba path	BIT	5.33 mg/dl		02/03/2021 12:01	55267	4.97	0.41 3.74 - 6.2
37	B051765B	erba path	CRENZ	3.66 mg/dl		02/03/2021 12:02	55268	3.52	0.24 2.8 - 4.24
38	B051765B	erba path	GLU	252.7 mg/dl		02/03/2021 12:02	55269	262.31	13.12 222.95 - 301.67
39	B051765B	erba path	TRIG	171.2 mg/dl		02/03/2021 12:02	55270	170.43	8.52 144.87 - 195.99
40	B051765B	erba path	UA	12 mg/dl		02/03/2021 12:03	55271	12.17	0.61 10.34 - 14
41	B051765B	erba path	ALB	5.16 g/dl		02/03/2021 12:03	55272	5.02	0.25 4.27 - 5.77
42	B051765B	erba path	PROTE	10.06 g/dl	+2SD	02/03/2021 12:03	55273	9.12	0.46 7.74 - 10.5
43	B051765B	erba path	ALPE	580 U/L	+2SD	02/03/2021 12:04	55274	495.27	33.02 396.21 - 594.33
44	B051765B	erba path	CHOLE	255 mg/dl		02/03/2021 12:04	55275	264.18	13.21 224.55 - 303.81
45	B051765B	erba path	SGPTD	133.1 U/L	-1SD	02/04/2021 10:45	55358	144.1	9.61 115.27 - 172.93
46	B051765B	erba path	SGOTD	135.5 U/L	-1SD	02/04/2021 10:45	55359	146.76	9.78 117.42 - 176.1
48	B051765B	erba path	PHOS	7.57 mg/dl		02/04/2021 10:46	55361	7.33	0.37 6.22 - 8.44
49	B051765B	erba path	BID	1.61 mg/dl		02/04/2021 10:46	55362	1.59	0.13 1.2 - 1.98
50	B051765B	erba path	BIT	5.57 mg/dl	+1SD	02/04/2021 10:46	55363	4.97	0.41 3.74 - 6.2
51	B051765B	erba path	UREA	109.2 mg/dl	+2SD	02/04/2021 10:47	55364	98.89	4.94 84.07 - 113.71
52	B051765B	erba path	CRENZ	3.65 mg/dl		02/04/2021 10:47	55365	3.52	0.24 2.8 - 4.24
53	B051765B	erba path	GLU	246.5 mg/dl	-1SD	02/04/2021 10:47	55366	262.31	13.12 222.95 - 301.67
54	B051765B	erba path	TRIG	165.5 mg/dl		02/04/2021 10:48	55367	170.43	8.52 144.87 - 195.99
55	B051765B	erba path	UA	12 mg/dl		02/04/2021 10:48	55368	12.17	0.61 10.34 - 14
56	B051765B	erba path	ALB	5.06 g/dl		02/04/2021 10:48	55369	5.02	0.25 4.27 - 5.77
57	B051765B	erba path	PROTE	9.79 g/dl	+1SD	02/04/2021 10:48	55370	9.12	0.46 7.74 - 10.5
58	B051765B	erba path	ALPE	533 U/L	+1SD	02/04/2021 10:49	55371	495.27	33.02 396.21 - 594.33

59	B051765B	erba path	CHOLE	249 mg/dl	-1SD	02/04/2021 10:49	55372	264.18	13.21 224.55 - 303.81
60	B051765B	erba path	SGPTD	133.4 U/L	-1SD	02/05/2021 11:49	55488	144.1	9.61 115.27 - 172.93
61	B051765B	erba path	SGOTD	137.8 U/L		02/05/2021 11:50	55489	146.76	9.78 117.42 - 176.1
63	B051765B	erba path	PHOS	7.53 mg/dl		02/05/2021 11:50	55491	7.33	0.37 6.22 - 8.44
64	B051765B	erba path	BID	1.52 mg/dl		02/05/2021 11:51	55492	1.59	0.13 1.2 - 1.98
65	B051765B	erba path	BIT	5.01 mg/dl		02/05/2021 11:51	55493	4.97	0.41 3.74 - 6.2
67	B051765B	erba path	CRENZ	3.46 mg/dl		02/05/2021 11:51	55495	3.52	0.24 2.8 - 4.24
68	B051765B	erba path	GLU	247.8 mg/dl	-1SD	02/05/2021 11:52	55496	262.31	13.12 222.95 - 301.67
69	B051765B	erba path	TRIG	164.9 mg/dl		02/05/2021 11:52	55497	170.43	8.52 144.87 - 195.99
70	B051765B	erba path	UA	11.9 mg/dl		02/05/2021 11:52	55498	12.17	0.61 10.34 - 14
71	B051765B	erba path	ALB	5.05 g/dl		02/05/2021 11:53	55499	5.02	0.25 4.27 - 5.77
72	B051765B	erba path	PROTE	9.47 g/dl		02/05/2021 11:53	55500	9.12	0.46 7.74 - 10.5
73	B051765B	erba path	ALPE	504 U/L		02/05/2021 11:53	55501	495.27	33.02 396.21 - 594.33
74	B051765B	erba path	CHOLE	254 mg/dl		02/05/2021 11:54	55502	264.18	13.21 224.55 - 303.81
75	B051765B	erba path	SGPTD	137.5 U/L		02/06/2021 11:49	55541	144.1	9.61 115.27 - 172.93
76	B051765B	erba path	SGOTD	137.5 U/L		02/06/2021 11:49	55542	146.76	9.78 117.42 - 176.1
77	B051765B	erba path	GGT	184.1 U/L	F	02/06/2021 11:49	55543	183.75	12.75 145.5 - 222
78	B051765B	erba path	PHOS	7.11 mg/dl		02/06/2021 11:49	55544	7.33	0.37 6.22 - 8.44
79	B051765B	erba path	BID	1.59 mg/dl		02/06/2021 11:50	55545	1.59	0.13 1.2 - 1.98
80	B051765B	erba path	BIT	5.46 mg/dl	+1SD	02/06/2021 11:50	55546	4.97	0.41 3.74 - 6.2
82	B051765B	erba path	CRENZ	3.7 mg/dl		02/06/2021 11:51	55548	3.52	0.24 2.8 - 4.24
83	B051765B	erba path	GLU	250.3 mg/dl		02/06/2021 11:51	55549	262.31	13.12 222.95 - 301.67
84	B051765B	erba path	TRIG	174.4 mg/dl		02/06/2021 11:51	55550	170.43	8.52 144.87 - 195.99
85	B051765B	erba path	UA	12.4 mg/dl		02/06/2021 11:52	55551	12.17	0.61 10.34 - 14
86	B051765B	erba path	ALB	5.19 g/dl		02/06/2021 11:52	55552	5.02	0.25 4.27 - 5.77
87	B051765B	erba path	PROTE	9.95 g/dl	+1SD	02/06/2021 11:52	55553	9.12	0.46 7.74 - 10.5
88	B051765B	erba path	ALPE	482 U/L		02/06/2021 11:52	55554	495.27	33.02 396.21 - 594.33
89	B051765B	erba path	CHOLE	265 mg/dl		02/06/2021 11:53	55555	264.18	13.21 224.55 - 303.81
90	B051765B	erba path	SGPTD	138 U/L		02/08/2021 12:25	55665	144.1	9.61 115.27 - 172.93
91	B051765B	erba path	PHOS	7.77 mg/dl	+1SD	02/08/2021 12:26	55666	7.33	0.37 6.22 - 8.44

TBM/TSD/RC-165/20-21**Date: 12/12/2020**

Calibration Certificate

The EasyLyte displays analysis results automatically. It is a Self Calibrated analyzer. It is programmed to Calibrate every four hours.

Calibration is automatic, but can be performed on demand. A unique solutions pack contains standard solutions to calibrate the analyzer. The disposable solutions pack also contains a waste receptacle for spent samples and solutions, eliminating the need to handle biological waste materials.

Calibration values are the electrode response values (slopes) during the last calibration. Acceptable ranges are as follows:

Na+: 50-64**K+: 50-64****Cl-: 40-64****Li+: 50-66****Ca++: 20-34****pH: 45-64**

Ravi Chavan
Regional Service Manager
Technical Service Department
Transasia Bio-Medicals Ltd.

Ref No. TS/SBP/5789

Date : 1st SEP'2020

PGM DIAGNOSTICS CENTRE.

Shop no.41/41, G-wing, Gokul Nagari 2, WEH, Datani Road , Kandivali East.

Mumbai- 400 101.

Dear Sir/ Madam ,

As desired by you please find herewith the Calibration report

1. Year of manufacturing : 1ST SEP 2020 Sr No.B200806
2. Range of the instrument : Optical density Linear form 0-3.5 A
3. Precision & Accuracy study on EM200
4. Date of calibration : 1th SEP 2020
5. Due Date of Calibration: 31st AUG 2021

Precision with Potassium Dichromate ($K_2Cr_2O_7$)

Reagent / Sample ratio -

Cup Position	Replicates	Absorbance (X)	SD	CV
Cup 1	20	1.5438 OD	0.0054	0.40%
Cup 2	20	1.5438 OD	0.0052	0.42 %
Cup 3	20	1.5449 OD	0.0047	0.38%

Accuracy study with Potassium Dichromate ($K_2Cr_2O_7$) in comparison with EM200

Wavelengths scan on Referral Spectrophotometer for Potassium Dichromate ($K_2Cr_2O_7$)

Wavelength	Spectrophotometer OD	
	Low	High
340	0.1874	1.7437
405	0.1902	1.7803
456	0.1936	1.8217
505	0.1976	1.8629
546	0.2021	1.9055
578	0.2009	1.9479
600	0.2115	1.9875
670	0.2163	2.0226

Test of Potassium Dichromate ($K_2Cr_2O_7$) on EM200

Pipetted / Measured by EM200		Manually Pipettes XL		Manually pipetted & read in Autospan	
Low	High	Low	High	Low	High
0.2005	1.8670	0.1975	1.8710	0.2025	1.7630

This instrument is manufactured in accordance with the European law in force, in particular to "Electricity Safety" EN 610101 and "Electromagnetic Compatibility" EN 61326 Standards.

Pressure	Ideal	Actual
	0.9 bar	0.89 bar
Lamp Voltage	12 V	12.07V
Temperature	37 ^o C	37 ^o C

Photometer Calibraion Check	Ok
Cuvette Blank Check	Ok

Wavelength	Off Set	Gain
340	255	476
405	255	487
480	255	479
505	255	473
546	255	494
576	255	485
600	255	476
670	255	496

**The Calibrator used: True Cal
Lot No: 121829
Expiry Date: FEB 2021**

**The Control used : Bio-Rad (lev1,level2)
Lot No : 16712,17352
Expiry date : 2021 Nov**

The instrument does photometer check before each batch of tests is run. It will give an error message if the photometer test fails and it will not run any samples.

Thanking you and assuring of our prompt attention at all times.

Yours faithfully,
For **TRANSASIA BIO-MEDICALS LTD.**



REGIONAL SERVICE MANAGER