

Tulip Diagnostics (P) Ltd.



Instrument Calibration Report

Instrument Model: BT1500 Serial No: 47194736 Date: 23/07/2021

Laboratory Name & Address: CPL DIAGNOSTICS PRIVATE LIMITED (Calcutta Pathlabs)
CHS Ltd, CZ-8, Canal S Rd, Metropolitan Co-Operative Housing Society Limited,
Kolkata, West Bengal 700105

MAINTENANCE PROGRAM	<input checked="" type="checkbox"/>
CALIBRATION	<input checked="" type="checkbox"/>

Meter used for calibration: 108B+20040396

General Inspection	OK	NO	Remark
Check for proper function of printer, display, keyboard and mouse	✓		
Check the proper function of fan	✓		
Check photometric lamp	✓		
Check Clinical Chemistry tubings	✓		
Check Clinical Chemistry washing pump cartridge	✓		
Arm sampling needle	✓		
Washing needle funnel efficiency	✓		

TEST	OK	NO	Remark
Verify the nonimate voltage of photometric lamp to $11.88 \pm 12.12V$	✓		
Verify cuvette temperature (37° C)	✓		
Verify cuvette temperature through monitor (37° C)	✓		
Verify the pressure of empty pump through monitor (1.0 + 1.8 Bar)	✓		
Verify the proper working of the serum LED	✓		
Verify left arm vacutainer sensilivity	✓		
Verify the function of sensor inside water tank	✓		
Verify temperature adjustment to reagent plate (8 °C)	✓		
Verify the proper working of clinical chemistry arm head heater(*)	✓		
Verify function of serum scanner bar-code	✓		
Verify function of reagent scanner bar-code	✓		
Check all mechanical calibrations	✓		
Verify photometric gain	✓		

Jey Sub



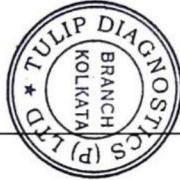
TEST	OK	NO	Remark
Verify photometric offset	✓		
Replace lamp if necessary	✓		
Check optical transmission	✓		
Clean cuvettes	✓		
Calculate FCC(if necessary)	✓		
Check photometric stability (min. 32 samples)	✓		
Check reproducibility (min. 32 samples with known concentration of bichromatic)	✓		

DATE: 23/07/2021

DATE FOR THE NEXT PREVENTIVE MAINTENANCE /
CALIBRATION DATE:: 23/07/2022

SIGNATURE: _____

Jay Des.



Select Analysis: UAC1

Select Method: Uricase/PAP

Group: Male, Female, Child

Test Type: Serum, Urine, Relation

Date Range: From 07/23/2021 To 07/23/2021

Results Range: From [] To []

Num. of Rec. 32	Standard Deviation 2.588	Variance 6.700	Correlation Coefficient 0.081	Min. Result 4.770
Mean 9.462	Variation Coefficient 27.36 %	Deviance 207.7	Median 11.39	Max. Result 11.92

Method	Result	Date	Group	Test Type
Uricase/PAP	11.56	07/23/2021	Male	Serum
Uricase/PAP	11.89	07/23/2021	Male	Serum
Uricase/PAP	6.401	07/23/2021	Male	Serum
Uricase/PAP	11.87	07/23/2021	Male	Serum
Uricase/PAP	11.72	07/23/2021	Male	Serum
Uricase/PAP	11.92	07/23/2021	Male	Serum
Uricase/PAP	8.712	07/23/2021	Male	Serum
Uricase/PAP	6.324	07/23/2021	Male	Serum
Uricase/PAP	6.231	07/23/2021	Male	Serum
Uricase/PAP	8.791	07/23/2021	Male	Serum
Uricase/PAP	11.83	07/23/2021	Male	Serum
Uricase/PAP	11.69	07/23/2021	Male	Serum
Uricase/PAP	6.268	07/23/2021	Male	Serum

Navigation: Search, Diagrams, Print Preview, Exit

Select Analysis

GOT1

Select Method

- Mod.IFCC

Group

Male

Female

Child

Test Type

Serum

Urine

Relation

Date Range

From

To

07/23/2021

07/23/2021

Results Range

From

To

Num. of Rec.

30 (32)

Standard Deviation

64.79

Variance

4197

Correlation Coefficient

0.060

Min. Result

45.27

Mean

142.0

Variation Coefficient

45.62 %

Deviance

121722

Median

175.0

Max. Result

233.0

Result	Date	Group	Test Type
179.6	07/23/2021	Male	Serum
46.41	07/23/2021	Male	Serum
178.3	07/23/2021	Male	Serum
192.8	07/23/2021	Male	Serum
182.9	07/23/2021	Male	Serum
132.3	07/23/2021	Male	Serum
.....	07/23/2021	Male	Serum
47.95	07/23/2021	Male	Serum
135.1	07/23/2021	Male	Serum
185.0	07/23/2021	Male	Serum
142.6	07/23/2021	Male	Serum
.....	07/23/2021	Male	Serum
50.36	07/23/2021	Male	Serum



Search



Diagrams



Print Preview



Exit

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Results Range: From [] To []

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Mean 9.462	Variation Coefficient 27.36 %	Deviance 207.7	Median 11.39	Max. Result 11.92

Method	Result	Date	Group	Test Type
Uricase/PAP	11.56	07/23/2021	Male	Serum
Uricase/PAP	11.63	07/23/2021	Male	Serum
Uricase/PAP	11.37	07/23/2021	Male	Serum
Uricase/PAP	4.770	07/23/2021	Male	Serum
Uricase/PAP	5.733	07/23/2021	Male	Serum
Uricase/PAP	11.74	07/23/2021	Male	Serum
Uricase/PAP	11.76	07/23/2021	Male	Serum
Uricase/PAP	6.244	07/23/2021	Male	Serum
Uricase/PAP	11.77	07/23/2021	Male	Serum
Uricase/PAP	11.48	07/23/2021	Male	Serum
Uricase/PAP	11.83	07/23/2021	Male	Serum
Uricase/PAP	8.727	07/23/2021	Male	Serum
Uricase/PAP	6.218	07/23/2021	Male	Serum

Navigation: Search, Diagrams, Print Preview, Exit

Select Analysis: GOT1

Select Method: Mod.IFCC

Group: Male, Female, Child

Test Type: Serum, Urine, Relation

Date Range: From 07/23/2021 To 07/23/2021

Results Range: From [] To []

Num. of Rec. 30 (32)	Standard Deviation 64.79	Variance 4197	Correlation Coefficient 0.060	Min. Result 45.27
Mean 142.0	Variation Coefficient 45.62 %	Deviance 121722	Median 175.0	Max. Result 233.0

Method	Result	Date	Group	Test Type
Mod.IFCC	184.1	07/23/2021	Male	Serum
Mod.IFCC	171.6	07/23/2021	Male	Serum
Mod.IFCC	49.99	07/23/2021	Male	Serum
Mod.IFCC	186.7	07/23/2021	Male	Serum
Mod.IFCC	206.4	07/23/2021	Male	Serum
Mod.IFCC	197.6	07/23/2021	Male	Serum
Mod.IFCC	134.8	07/23/2021	Male	Serum
Mod.IFCC	45.27	07/23/2021	Male	Serum
Mod.IFCC	47.05	07/23/2021	Male	Serum
Mod.IFCC	131.8	07/23/2021	Male	Serum
Mod.IFCC	181.6	07/23/2021	Male	Serum
Mod.IFCC	229.5	07/23/2021	Male	Serum
Mod.IFCC	50.20	07/23/2021	Male	Serum

Navigation: Search, Diagrams, Print Preview, Exit

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Group: Male, Female, Child

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Uricase/PAP	11.76	07/23/2021	Male	Serum
Uricase/PAP	6.244	07/23/2021	Male	Serum
Uricase/PAP	11.77	07/23/2021	Male	Serum
Uricase/PAP	11.48	07/23/2021	Male	Serum
Uricase/PAP	11.83	07/23/2021	Male	Serum
Uricase/PAP	8.727	07/23/2021	Male	Serum
Uricase/PAP	6.218	07/23/2021	Male	Serum
Uricase/PAP	6.084	07/23/2021	Male	Serum
Uricase/PAP	8.837	07/23/2021	Male	Serum
Uricase/PAP	11.74	07/23/2021	Male	Serum
Uricase/PAP	8.705	07/23/2021	Male	Serum
Uricase/PAP	11.41	07/23/2021	Male	Serum
Uricase/PAP	5.973	07/23/2021	Male	Serum

Navigation: Search, Diagrams, Print Preview, Exit