

**ALP-AMP (U/L) BA 200 FULLY AUTOMATIC ANALYZER**

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	ALP-AMP			-0.0096		U/L		
			1	-0.0096		U/L		
Calibrator	BDPL CAL	SER		0.0529	207	U/L	3310.4550	
			1	0.0529	207	U/L		
Control	BIOSYSTEMS L1098	SER		0.0287	127	U/L		
			1	0.0287	127	U/L		
Control	BIOSYSTEMS L2088	SER		0.0878	322	U/L		
			1	0.0878	322	U/L		

**ALT-GPT (U/L) BA 200 FULLY AUTOMATIC ANALYZER**

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	ALT-GPT			-0.0001		U/L		
			1	-0.0001		U/L		
Calibrator	BDPL CAL	SER		0.0360	88	U/L	2425.0700	
			1	0.0360	88	U/L		
Control	BIOSYSTEMS L1098	SER		0.0168	41	U/L		
			1	0.0168	41	U/L		
Control	BIOSYSTEMS L2088	SER		0.0583	142	U/L		
			1	0.0583	142	U/L		

**ASO (IU/mL)**

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	ASO			0.4153		IU/mL		
			1	0.4153		IU/mL		
Calibrator	ASO CAL	SER		0.6463	249.00	IU/mL	1077.7810	
			1	0.6463	249.00	IU/mL		

<b>AST-GOT (U/L) BA 200 FULLY AUTOMATIC ANALYZER</b>
--

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	AST-GOT			0.0010		U/L		
			1	0.0010		U/L		
Calibrator	BDPL CAL	SER		0.0614	125	U/L	2069.4130	
			1	0.0614	125	U/L		
Control	BIOSYSTEMS L1098	SER		0.0244	48	U/L		
			1	0.0244	48	U/L		
Control	BIOSYSTEMS L2088	SER		0.0885	181	U/L		
			1	0.0885	181	U/L		

**BILI DIRECT DPD (mg/dL) BA 200 FULLY AUTOMATIC ANALYZER**

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	BILI DIRECT DPD			0.0017		mg/dL		
			1	0.0017		mg/dL		
Calibrator	BDPL CAL	SER		0.0264	0.79	mg/dL	31.9466	
			1	0.0264	0.79	mg/dL		
Control	BIOSYSTEMS L1098	SER		0.0264	0.79	mg/dL		
			1	0.0264	0.79	mg/dL		
Control	BIOSYSTEMS L2088	SER		0.0355	1.08	mg/dL		
			1	0.0355	1.08	mg/dL		

<b>BILI TOTAL DPD (mg/dL) BA 200 FULLY AUTOMATIC ANALYZER</b>
---

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	BILI TOTAL DPD			0.0014		mg/dL		
			1	0.0014		mg/dL		
Calibrator	BDPL CAL	SER		0.0592	3.58	mg/dL	61.9837	
			1	0.0592	3.58	mg/dL		
Control	BIOSYSTEMS L1098	SER		0.0356	2.11	mg/dL		
			1	0.0356	2.11	mg/dL		
Control	BIOSYSTEMS L2088	SER		0.0970	5.92	mg/dL		
			1	0.0970	5.92	mg/dL		

**CHOL HDL DIRECT (mg/dL) BA 200 FULLY AUTOMATIC ANALYZER**

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	CHOL HDL DIRECT			0.0066		mg/dL		
			1	0.0066		mg/dL		
Calibrator	HDL/LDL	SER		0.1418	50.90	mg/dL	376.5029	
			1	0.1418	50.90	mg/dL		

**CHOL LDL DIRECT (mg/dL) BA 200 FULLY AUTOMATIC ANALYZER**

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	CHOL LDL DIRECT			0.0017		mg/dL		
			1	0.0017		mg/dL		
Calibrator	HDL/LDL	SER		0.1706	98.60	mg/dL	583.7032	
			1	0.1706	98.60	mg/dL		



<b>CHOLESTEROL (mg/dL) BA 200 FULLY AUTOMATIC ANALYZER</b>
--

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	CHOLESTEROL			0.0538		mg/dL		
			1	0.0538		mg/dL		
Calibrator	BDPL CAL	SER		0.3720	203	mg/dL	638.0403	
			1	0.3720	203	mg/dL		
Control	BIOSYSTEMS L1098	SER		0.3029	159	mg/dL		
			1	0.3029	159	mg/dL		
Control	BIOSYSTEMS L2088	SER		0.4538	255	mg/dL		
			1	0.4538	255	mg/dL		

**CK (U/L)**

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	CK			-0.0003		U/L		
			1	-0.0003		U/L		
Calibrator	BDPL CAL	SER		0.0811	376	U/L	4624.1860	
			1	0.0811	376	U/L		
Control	BIOSYSTEMS L1098	SER		0.0456	212	U/L		
			1	0.0456	212	U/L		
Control	BIOSYSTEMS L2088	SER		0.1238	574	U/L		
			1	0.1238	574	U/L		

**CREATININE (mg/dL) BA 200 FULLY AUTOMATIC ANALYZER**

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	CREATININE			0.0021		mg/dL		
			1	0.0021		mg/dL		
Calibrator	BDPL CAL	SER		0.1094	3.72	mg/dL	34.6621	
			1	0.1094	3.72	mg/dL		
Control	BIOSYSTEMS L1098	SER		0.0599	1.64	mg/dL		
			1	0.0599	1.64	mg/dL		
Control	BIOSYSTEMS L2088	SER		0.1520	4.83	mg/dL		
			1	0.1520	4.83	mg/dL		

<b>GLUCOSE (mg/dL) BA 200 FULLY AUTOMATIC ANALYZER</b>
--

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	GLUCOSE			0.0300		mg/dL		
			1	0.0300		mg/dL		
Calibrator	BDPL CAL	SER		0.6298	179	mg/dL	298.4333	
			1	0.6298	179	mg/dL		
Control	BIOSYSTEMS L1098	SER		0.3263	88	mg/dL		
			1	0.3263	88	mg/dL		
Control	BIOSYSTEMS L2088	SER		0.9152	264	mg/dL		
			1	0.9152	264	mg/dL		

**PROTEIN TOTAL (g/dL) BA 200 FULLY AUTOMATIC ANALYZER**

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	PROTEIN TOTAL			-0.0822		g/dL		
			1	-0.0822		g/dL		
Calibrator	BDPL CAL	SER		0.1028	6.10	g/dL	32.9793	
			1	0.1028	6.10	g/dL		
Control	BIOSYSTEMS L1098	SER		0.0705	5.04	g/dL		
			1	0.0705	5.04	g/dL		
Control	BIOSYSTEMS L2088	SER		0.1696	8.30	g/dL		
			1	0.1696	8.30	g/dL		



**UREA-BUN-UV (mg/dL) BA 200 FULLY AUTOMATIC ANALYZER**

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	UREA-BUN-UV			0.0112		mg/dL		
			1	0.0112		mg/dL		
Calibrator	BDPL CAL	SER		0.1281	79	mg/dL	673.3076	
			1	0.1281	79	mg/dL		
Control	BIOSYSTEMS L1098	SER		0.0971	58	mg/dL		
			1	0.0971	58	mg/dL		
Control	BIOSYSTEMS L2088	SER		0.2071	132	mg/dL		
			1	0.2071	132	mg/dL		

**URIC ACID (mg/dL) BA 200 FULLY AUTOMATIC ANALYZER**

<b>Class</b>	<b>Name</b>	<b>Type</b>	<b>No.</b>	<b>Abs.</b>	<b>Result</b>	<b>Unit</b>	<b>Factor</b>	<b>Date</b>
Blank	URIC ACID			0.0488		mg/dL		
			1	0.0488		mg/dL		
Calibrator	BDPL CAL	SER		0.2543	7.95	mg/dL	38.6971	
			1	0.2543	7.95	mg/dL		
Control	BIOSYSTEMS L1098	SER		0.1967	5.72	mg/dL		
			1	0.1967	5.72	mg/dL		
Control	BIOSYSTEMS L2088	SER		0.3083	10.04	mg/dL		
			1	0.3083	10.04	mg/dL		



Date: 04.06.2021

**CALIBRATION CERTIFICATE OF BA200**

**CUSTOMER NAME — Peoples Hospital - Bhopal**

Serial Number — 832000526  
 Firmware V 3.60.5  
 User Software = 5.3.2  
 Initialization Motor  
 Vertical Motors — S / R  
 in HomePolar Motors — S / R1  
 Home Reaction Motor in home  
 Sample / Reagent rotor in Home  
 Ceramic Dispensing pump — S/ R1 in Home  
 Optical Initialization: Ok  
 Auto adjustment of the probe is done  
 Peltier cells and drivers test  
 Rotor Puffier/ Reagent Rotor peltier driver test: Ok  
 Temperature system initialized  
 LED test: ok  
 Hardware completely initialized

Parameters	Current value	Minimum	Maximum
Reading reference Position - Well 1	7899	7860	7905
Washing Solution Tank 0	1	-5	5
Washing Solution Tank 50	50	40	60
Washing Solution Tank 100	97	95	105
Waste Tank 0	-1	-5	5
Waste Tank 50	55	40	60
Waste Tank 100	100	95	105
Vertical adjustment of reaction rotor	37.0	36.0	39.0
Thermal adjustment of Wash station	44	44	50

**Registered One:**

**BioSystems Diagnostics Pvt Ltd.,**  
 A4, SIPCOT Industrial Park, Irungattukotai,  
 Thandalam Village, Sriperumbudw - 602105.  
 Pb: \*91 - 44 - 3034 191t 12 /13  
 E-mail: customersupport@biosystems.in  
 Website: was'.biosystems.in  
 CIN - U29297TN2003PTC051492



Tlicl mcl adjtistment ct ieayeiiil lip I	37	36	39
Tliei nJal adjustnlcnl of reagent lip 2	37	36	39
LED 340NM Intensity i'ctūrence val die	6589	6000	25000
I.FD 405NM Intensity i efereilcc val ue	14010	1 4000	30000
LkD S03NM Intensity iet"erence val ue	15422	1 2000	30000
L Ef9 53SN M J ntensity reference val ue	4746	4000	30000
LED .560NM li lensit; ret"ei ence value	3232	3000	1 5000
LFD600NM hneni reterenre v uc	1 6408	6000	25000
I.F.D 63ñNM I utensil} i ef"eieence val tic	7213	G000	20000
I.E.D G70N M Intensity iefei ence val ue	G328	4000	15500
Pκnonctic  JaikCκrren AUjusi e+u	4013	3300	4100
M\ in PIlotn Diode Ccounts 340NM	898334	231903	950000
Ma in PIJcto Diudc CouiJts 405NM	909919	755681	950000
Miiiin Photo Diode Counts 505NM	857803	771f121	950000
Main PJiolti Diode Counts .535NM	893930	660459	950000
Main I°Iolu Diϋdc Counts S60NM	900985	b13854	9500t0
Mϋ in Pfioti Diode Counts 600NM	899919	635308	9.50000
Main PIJoln Dicϋc Corints G3SNM	898105	702010	950000
Mai n Photo Diotle Corints 670N Lvl	896862	672428	950000

Next calibratixin due on: **04-06-2022**

For BIOSYSTEMS DIAGNOSTICS LTD.

  
 Authorised Signntory



**Corporate Office:**

B\*oSyst\*ois S.A. Cost• Brava 30, 08030 Bκrcκlona (spring  
 Tel \*34-93 311 00 00, Fax\*34-93 346 77 99  
<http://www'.biosystems.es>