



# NATIONAL HOSPITAL, ABUJA

## DEPARTMENT OF CHEMICAL PATHOLOGY LABORATORY REPORT

Patient: collexa bisenxor null      Age: 42  
Sex: BI-Gender      Lab Number: null  
Request Date: 15/11/2023 10:27 am      Sample Collection Date: 16/11/2023 9:51 am  
Ward/Clinic: null      Requesting Clinician: ,  
Specimen: BLOOD

Provisional Diagnosis:

Test	Parameters								
Glucometer Evaluation	<table border="1"><thead><tr><th>Name</th><th>Value</th><th>Unit</th><th>Range</th></tr></thead><tbody><tr><td>-----</td><td>All precise and accurate.</td><td></td><td></td></tr></tbody></table>	Name	Value	Unit	Range	-----	All precise and accurate.		
Name	Value	Unit	Range						
-----	All precise and accurate.								

End of Test Requested

Verified By: *Dr chukwumobi Anulika (Junior Resident)* 16/11/2023 9:58 am

Pathologist's Report/Comment

- The following glucometers with the stated serial numbers have been evaluated and found to be precise and accurate.
- ON POINT / H82X000287 – Mean = 11.9mmol/L (True value = 11.3 (10.2-12.4) mmol/L, SD = 0.2544, CV =2.14 (Acceptable CV = <5%)
- ON POINT / H82X000211 – Mean = 11.4mmol/L (True value = 11.3 (10.2-12.4) mmol/L, SD = 0.2236, CV = 1.96 (Acceptable CV = <5%)
- ON POINT / H82X000120 – Mean = 11.3mmol/L (True value = 11.3 (10.2-12.4)mmol/L, SD = 0.4718, CV = 4.18 (Acceptable CV = <5%)
- ON POINT / H82X000115 – Mean = 11.0mmol/L (True value = 11.3 (10.2-12.4)mmol/L, SD = 0.3228, CV = 2.93 (Acceptable CV = <5%)
- ON POINT / H82X000090 – Mean = 11.1mmol/L (True value = 11.3(10.2-12.4) mmol/L, SD = 0.2646, CV = 2.38 (Acceptable CV = <5%).
- Please find detailed results attached.

Chemical Pathologist: *Dr chukwumobi Anulika (Junior Resident)* 16/11/2023 10:01 am



**NATIONAL HOSPITAL, ABUJA**  
**CHEMICAL PATHOLOGY**

Name	COLLEXA BIOSENSOR				
Age	-	Sex	-	Ethnic group	-
Hospital No	-	Chem Path No	-	Ward	-
Consultant in charge			Date of Request	15/11/2023	
Age of Glucometer					
Type/Serial No of Glucometer	ON POINT / H82X000010				
Request	GLUCOMETER EVALUATION				
Serial Number	Control Values in mg/dL		Control values in mmol/L		
1		205		11.4	
2		200		11.1	
3		206		11.4	
4		208		11.6	
5		207		11.5	
6		202		11.2	
7		195		10.8	
8		205		11.4	
9		204		11.3	
10		199		11.1	
11		200		11.1	
12		196		10.9	
13		194		10.8	
14		192		10.7	
15		196		10.9	
16		198		11.0	
17		203		11.3	
18		194		10.8	
19		196		10.9	
20		192		10.7	
Mean	11.1 mmol/L		True value = 11.3 (10.2 - 12.4) mmol/L		
Standard Deviation	0.2646				
Coefficient of variation	2.38		Acceptable CV = 5%		
Pathologist Report or comment					
The glucometer is both precise and accurate					
16/11/2023 for DR D. E. UYA Consultant Chemical Pathologist					



**NATIONAL HOSPITAL, ABUJA  
CHEMICAL PATHOLOGY**


Name	COLLEXA BCOSENSOR				
Age	—	Sex	—	Ethnic group	—
Hospital No	—	Chem Path No	—	Ward	—
Consultant in charge			Date of Request	15/11/2023	
Age of Glucometer					
Type/Serial No of Glucometer	ON POINT / H82X000115				
Request	GLUCOMETER EVALUATION				
Serial Number	Control Values in mg/dL		Control values in mmol/L		
1		199	11.1		
2		207	11.5		
3		199	11.1		
4		198	11.0		
5		200	11.1		
6		208	11.6		
7		208	11.6		
8		201	11.2		
9		206	11.4		
10		192	10.7		
11		197	10.9		
12		197	10.9		
13		196	10.9		
14		196	10.9		
15		200	11.1		
16		195	10.8		
17		196	10.9		
18		197	10.9		
19		186	10.3		
20		192	10.7		
Mean	11.0 mmol/L	True Value = 11.3 (10.2 - 12.4) mmol/L			
Standard Deviation	0.3228				
Coefficient of variation	2.93	Acceptable CV = < 5%			

Pathologist Report or comment

The glucometer is both precise and accurate.

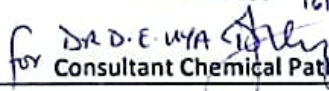
16/11/2023  
 DR D. E. UYA  
 for Consultant Chemical Pathologist

**NATIONAL HOSPITAL, ABUJA  
CHEMICAL PATHOLOGY**

Name	COLLEXA BLOSENSOR				
Age	—	Sex	—	Ethnic group	—
Hospital No	—	Chem Path No	—	Ward	—
Consultant in charge			Date of Request		
Age of Glucometer					
Type/Serial No of Glucometer	ON POINT/HB2X000120				
Request					
Serial Number	Control Values in mg/dL		Control values in mmol/L		
1		220	12.2		
2		203	11.3		
3		197	10.9		
4		212	11.8		
5		210	11.7		
6		210	11.7		
7		210	11.7		
8		210	11.7		
9		209	11.6		
10		205	11.4		
11		200	11.1		
12		188	10.4		
13		191	10.6		
14		198	11.0		
15		205	11.4		
16		205	11.4		
17		197	10.9		
18		191	10.6		
19		196	10.9		
20		201	11.2		
Mean	11.3 mmol/L	True value = 11.3 (10.2-12.4) mmol/L			
Standard Deviation	0.4718				
Coefficient of variation	4.18	Acceptable CV = <5%			
Pathologist Report or comment					
The glucometer is both precise and accurate.					
 16/11/2023 for Consultant Chemical Pathologist					



**NATIONAL HOSPITAL, ABUJA  
CHEMICAL PATHOLOGY**

Name	ON POINT (Collexa Biosensors)				
Age		Sex	—	Ethnic group	—
Hospital No	—	Chem Path No	—	Ward	—
Consultant in charge		Date of Request	15/11/2023		
Age of Glucometer					
Type/Serial No of Glucometer	ON POINT / H82x000211				
Request	Glucometer evaluation				
Serial Number	Control Values in mg/dL		Control values in mmol/L		
1		203		11.3	
2		213		11.3	
3		207		11.5	
4		211		11.7	
5		204		11.3	
6		210		11.7	
7		207		11.5	
8		206		11.4	
9		204		11.3	
10		205		11.4	
11		202		11.2	
12		208		11.6	
13		208		11.6	
14		209		11.6	
15		202		11.2	
16		198		11.0	
17		205		11.4	
18		210		11.7	
19		204		11.3	
20		196		10.9	
Mean	11.4mmol/L True Value = 11.3 (10.2-12.4)mmol/L				
Standard Deviation	0.2236				
Coefficient of variation	1.96 (Acceptable CV = <5%)				
Pathologist Report or comment	The glucometer is both precise and accurate				
	 DAD. E. WYA Consultant Chemical Pathologist				

16/11/2023

**NATIONAL HOSPITAL, ABUJA  
CHEMICAL PATHOLOGY**

Name	COLLEXA B CO SENSOR				
Age	—	Sex	—	Ethnic group	—
Hospital No	—	Chem Path No	—	Ward	—
Consultant in charge			Date of Request	15/11/2023	
Age of Glucometer					
Type/Serial No of Glucometer	ON POINT   H82X000287				
Request	GLUCOMETER EVALUATION				
Serial Number	Control Values in mg/dL		Control values in mmol/L		
1		218	12.1		
2		223	12.4		
3		214	11.9		
4		208	11.6		
5		214	11.9		
6		212	11.8		
7		217	12.1		
8		219	12.2		
9		218	12.1		
10		213	11.8		
11		214	11.9		
12		221	12.3		
13		208	11.6		
14		218	12.1		
15		218	12.1		
16		218	12.1		
17		207	11.5		
18		214	11.9		
19		211	11.7		
20		208	11.6		
Mean	11.9	True value = 11.3 (10.2-12.4) mmol/L			
Standard Deviation	0.2544				
Coefficient of variation	2.14	Acceptable CV = <math>K</math>5%.			
Pathologist Report or comment					
The glucometer is both precise and accurate.					
16/11/2023 DR D. E. UWA Consultant Chemical Pathologist					