



**Final Report**

Patient Name	MR. KIRAN BHAGWAN TAWARE	UHID	MGM240017131
Age / Gender	56 Yrs 2 Mth / MALE	Patient Case Type	IPD
Ref. Consultant	DR.PRASHANT ATHALE	Collection Date & Time	07-10-2024 17:41
Sample ID	MGM24150052	Result Entry Date & Time	07-10-2024 18:12
Ward/Bed No	SICU / SICU-010	Reporting Date & Time	08-10-2024 10:42:22
IP No.	MGMIP2406720	Receipt Number	MGMWPR240089884

**BIOCHEMISTRY REPORT**

Test	Result	Unit	Biological Reference Interval
Sample Type: Arterial Heparinised Blood			
A.B.G..			
ACID BASE			
BLOOD pH. [ Potentiometric (ISE) ]	7.4		7.32-7.45
pCO <sub>2</sub> . [ Potentiometric ]	38.4	mmHg	32-48
pO <sub>2</sub> . [ Amperometric ]	94.5	mmHg	83-108
HCO <sub>3</sub> act. [ Calculated ]	21.3	mmol/L	21-28
HCO <sub>3</sub> std. [ Calculated ]	21.3	mmol/L	21-28
BE(B). [ Calculated ]	-3.8	mmol/L	
BE(ecf). [ Calculated ]	-4.2	mmol/L	
ctCO <sub>2</sub> (P). [ Calculated ]	22.4	mmol/L	22-29
CO-OXIMETRY			
Hct. [ Calculated ]	28.0	%	
tHb. [ Automated Spectrophotometry ]	L 9.6	g/dL	12-17.5
O <sub>2</sub> SAT. [ Visible Absorption Spectroscopy ]	96.2	%	94-98
FO <sub>2</sub> Hb. [ Automated Spectrophotometry ]	95.2	%	94-98
FCOHb. [ Automated Spectrophotometry ]	0.80	%	0.5-1.5
ΔHHb. [ Automated Spectrophotometry ]	3.80	%	0-5
FMetHb. [ Automated Spectrophotometry ]	0.20	%	0-1.5
nBili. [ Automated Spectrophotometry ]	H 2.50	mg/dL	0.3-2
OXYGEN STATUS			
BO <sub>2</sub> . [ Calculated ]	13.2	mL/dL	
ctO <sub>2</sub> (a). [ Calculated ]	13.0	mL/dL	
ELECTROLYTES			
Na <sup>+</sup> . [ Direct Potentiometry (ISE) ]	144.4	mmol/L	136-145
K <sup>+</sup> . [ Direct Potentiometry (ISE) ]	4.4	mmol/L	3.4-4.5
iCa <sup>++</sup> . [ Potentiometric (ISE) ]	L 3.8	mg/dL	4.6-5.3
Cl <sup>-</sup> . [ Direct Potentiometry (ISE) ]	H 112.0	mmol/L	98-107
AnGap. [ Calculated ]	15.60	mmol/L	
mOsm. [ Calculated ]	296.7	mmol/kg	
METABOLITES			
Gluc. [ Amperometric ]	H 143.0	mg/dL	65-95
LaC. [ Amperometric ]	H 1.75	mmol/L	0.36-1.39