


Final Report

Patient Name	MR. KIRAN BHAGWAN TAWARE	UHID	MGM240017131
Age / Gender	56 Yrs 3 Mth / MALE	Patient Case Type	IPD
Ref. Consultant	DR.PRASHANT ATHALE	Collection Date & Time	25-10-2024 07:16
Sample ID	MGM24160141	Result Entry Date & Time	25-10-2024 08:19
Ward/Bed No	SICU / SICU-011	Reporting Date & Time	25-10-2024 10:53:27
IP No.	MGMIP2406720	Receipt Number	MGMWPR240096321
			

BIOCHEMISTRY REPORT

Test	Result	Unit	Biological Reference Interval
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Sample Type: Arterial Heparinised Blood

A.B.G.,

ACID BASE

BLOOD pH. [Potentiometric (ISE)]	H	7.5		7.32-7.45
pCO ₂ . [Potentiometric]		33.9	mmHg	32-48
pO ₂ . [Amperometric]	H	117.7	mmHg	83-108
HCO ₃ act. [Calculated]		23.7	mmol/L	21-28
HCO ₃ std. [Calculated]		24.7	mmol/L	21-28
BE(B). [Calculated]		0.3	mmol/L	
BE(ecf). [Calculated]		0.0	mmol/L	
ctCO ₂ (P). [Calculated]		24.8	mmol/L	22-29

CO-OXIMETRY

Hct. [Calculated]		29.0	%	
tHb. [Automated Spectrophotometry]	L	9.7	g/dL	12-17.5
O2 SAT. [Visible Absorptionl Spectroscopy]	H	98.4	%	94-98
FO2Hb. [Automated Spectrophotometry]		96.5	%	94-98
FCOHb. [Automated Spectrophotometry]	H	1.60	%	0.5-1.5
FHHb. [Automated Spectrophotometry]		1.60	%	0-5
FMethb. [Automated Spectrophotometry]		0.30	%	0-1.5
nBili. [Automated Spectrophotometry]	L	0.00	mg/dL	0.3-2

OXYGEN STATUS

BO2. [Calculated]	13.2	mL/dL
ctO2(a). [Calculated]	13.4	mL/dL

ELECTROLYTES

Na+. [Direct Potentiometry (ISE)]	144.9	mmol/L	136-145
K+. [Direct Potentiometry (ISE)]	3.6	mmol/L	3.4-4.5
iCa++. [Potentiometric (ISE)]	L 4.2	mg/dL	4.6-5.3
Cl-. [Direct Potentiometry (ISE)]	H 113.0	mmol/L	98-107
AnGap. [Calculated]	11.80	mmol/L	
mOsm. [Calculated]	295.1	mmol/kg	

METABOLITES

GLUC. [Amperometric]	95.0	mg/dL	65-95
LAC. [Amperometric]	1.17	mmol/L	0.36-1.39