



Final Report

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|-----------------|--------------------------|--------------------------|---------------------|
| 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 | 11-10-2024 16:27 |
| Sample ID | MGM24152417 | Result Entry Date & Time | 11-10-2024 17:17 |
| Ward/Bed No | SICU / SICU-010 | Reporting Date & Time | 14-10-2024 10:57:52 |
| IP No. | MGMIP2406720 | Receipt Number | MGMWPR240091515 |
| | | | |

BIOCHEMISTRY REPORT

| Test | | Result | Unit | Biological Reference Interval |
|---|----|--------|---------|-------------------------------|
| Sample Type: Arterial Heparinised Blood | | | | |
| A.B.G.. | | | | |
| ACID BASE | | | | |
| BLOOD pH. [Potentiometric (ISE)] | H | 7.5 | | 7.32-7.45 |
| pCO2. [Potentiometric] | | 36.8 | mmHg | 32-48 |
| pO2. [Amperometric] | L | 69.5 | mmHg | 83-108 |
| HCO3 act. [Calculated] | | 25.1 | mmol/L | 21-28 |
| HCO3 std. [Calculated] | | 25.5 | mmol/L | 21-28 |
| BE(B). [Calculated] | | 1.2 | mmol/L | |
| BE(ecf). [Calculated] | | 1.2 | mmol/L | |
| ctCO2 (P). [Calculated] | | 26.2 | mmol/L | 22-29 |
| CO-OXIMETRY | | | | |
| Hct. [Calculated] | | 25.0 | % | |
| tHb. [Automated Spectrophotometry] | L | 8.5 | g/dL | 12-17.5 |
| O2 SAT. [Visible Absorption Spectroscopy] | L | 92.7 | % | 94-98 |
| FO2Hb. [Automated Spectrophotometry] | L | 91.2 | % | 94-98 |
| FCOHb. [Automated Spectrophotometry] | H | 1.60 | % | 0.5-1.5 |
| FHHb. [Automated Spectrophotometry] | H | 7.20 | % | 0-5 |
| FMethHb. [Automated Spectrophotometry] | | 0.00 | % | 0-1.5 |
| nBili. [Automated Spectrophotometry] | | 0.50 | mg/dL | 0.3-2 |
| OXYGEN STATUS | | | | |
| BO2. [Calculated] | | 11.6 | mL/dL | |
| ctO2(a). [Calculated] | | 11.0 | mL/dL | |
| ELECTROLYTES | | | | |
| Na+. [Direct Potentiometry (ISE)] | CH | 156.2 | mmol/L | 136-145 |
| K+. [Direct Potentiometry (ISE)] | H | 4.6 | mmol/L | 3.4-4.5 |
| iCa++. [Potentiometric (ISE)] | L | 4.1 | mg/dL | 4.6-5.3 |
| Cl-. [Direct Potentiometry (ISE)] | CH | 121.0 | mmol/L | 98-107 |
| AnGap. [Calculated] | | 14.70 | mmol/L | |
| mOsm. [Calculated] | | 320.8 | mmol/kg | |
| METABOLITES | | | | |
| Gluc. [Amperometric] | H | 151.0 | mg/dL | 65-95 |
| Lac. [Amperometric] | H | 1.55 | mmol/L | 0.36-1.39 |