




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 | 05-10-2024 19:47 |
| Sample ID | MGM24149139 | Result Entry Date & Time | 05-10-2024 20:17 |
| Ward/Bed No | SICU / SICU-010 | Reporting Date & Time | 07-10-2024 10:31:48 |
| IP No. | MGMIP2406720 | Receipt Number | MGMWPR240089245 |
| | |  | |

BIOCHEMISTRY REPORT

| Test | Result | Unit | Biological Reference Interval |
|---|--------|---------|-------------------------------|
| Sample Type: Arterial Heparinised Blood | | | |
| A.B.G.. | | | |
| ACID BASE | | | |
| BLOOD pH. [Potentiometric (ISE)] | L 7.2 | | 7.32-7.45 |
| pCO2. [Potentiometric] | H 61.7 | mmHg | 32-48 |
| pO2. [Amperometric] | 99.1 | mmHg | 83-108 |
| HCO3 act. [Calculated] | 21.0 | mmol/L | 21-28 |
| HCO3 std. [Calculated] | L 17.7 | mmol/L | 21-28 |
| BE(B). [Calculated] | -8.4 | mmol/L | |
| BE(ecf). [Calculated] | -7.9 | mmol/L | |
| ctCO2 (P). [Calculated] | 22.9 | mmol/L | 22-29 |
| CO-OXIMETRY | | | |
| Hct. [Calculated] | 35.0 | % | |
| tHb. [Automated Spectrophotometry] | L 11.8 | g/dL | 12-17.5 |
| O2 SAT. [Visible Absorption Spectroscopy] | 95.4 | % | 94-98 |
| FO2Hb. [Automated Spectrophotometry] | 94.1 | % | 94-98 |
| FCOHb. [Automated Spectrophotometry] | 1.30 | % | 0.5-1.5 |
| FHHb. [Automated Spectrophotometry] | 4.50 | % | 0-5 |
| FMethHb. [Automated Spectrophotometry] | 0.10 | % | 0-1.5 |
| nBili. [Automated Spectrophotometry] | L 0.00 | mg/dL | 0.3-2 |
| OXYGEN STATUS | | | |
| BO2. [Calculated] | 16.2 | mL/dL | |
| ctO2(a). [Calculated] | 15.7 | mL/dL | |
| ELECTROLYTES | | | |
| Na+. [Direct Potentiometry (ISE)] | 139.7 | mmol/L | 136-145 |
| K+. [Direct Potentiometry (ISE)] | H 5.0 | mmol/L | 3.4-4.5 |
| iCa++. [Potentiometric (ISE)] | L 4.2 | mg/dL | 4.6-5.3 |
| Cl-. [Direct Potentiometry (ISE)] | 106.0 | mmol/L | 98-107 |
| AnGap. [Calculated] | 17.70 | mmol/L | |
| mOsm. [Calculated] | 284.8 | mmol/kg | |
| METABOLITES | | | |
| Gluc. [Amperometric] | H 97.0 | mg/dL | 65-95 |
| Lac. [Amperometric] | H 4.32 | mmol/L | 0.36-1.39 |