|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Serial No. | Cut of value | Optical density | | Result | |
| Positive Control | Test | Elisa | Rapid |
| 1 | 0.1404 | 1.6976 | 1.9885 | + | + |
| 2 | 0.1325 | 2.4706 | 0.2400 | + | - |
| 3 | 0.1325 | 2.4706 | 0.17 | + | - |
| 4 | 0.1325 | 2.4706 | 0.22 | + | - |
| 5 | 0.1325 | 2.4706 | 1.90 | + | + |
| 6 | 0.1585 | 1.1762 | 0.53 | + | + |
| 7 | 0.1707 | 1.2222 | 0.17 | + | - |
| 8 | 0.1707 | 1.2222 | 0.36 | + | + |
| 9 | 0.1745 | 1.307 | 0.53 | + | + |
| 10 | 0.1358 | 2.329 | 2.63 | + | + |

Table 1 OD OF HIV

Table 2 OD OF HBsAg

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Serial No. | Cut of value | Optical Density | | Result | |
| Positive Control | Test | Elisa | Rapid |
| 1 | 0.2068 | 3.467 | 3.500 | + | + |
| 2 | 0.2068 | 3.467 | 1.27 | + | + |
| 3 | 0.2026 | 2.6320 | 0.94 | + | + |
| 4 | 0.2239 | 2.9599 | 0.95 | + | + |
| 5 | 0.1761 | 3.1917 | 3.20 | + | + |
| 6 | 0.2041 | 2.7519 | 3.20 | + | + |
| 7 | 0.1957 | 3.4574 | 2.85 | + | + |
| 8 | 0.1996 | 3.2748 | 2.96 | + | + |
| 9 | 0.1904 | 3.4442 | 0.21 | + | - |
| 10 | 0.1928 | 3.2641 | 3.55 | + | + |
| 11 | 0.1928 | 3.2641 | 0.31 | + | - |
| 12 | 0.1928 | 3.2641 | 0.20 | + | - |
| 13 | 0.2355 | 3.0186 | 3.47 | + | + |
| 14 | 0.2355 | 3.0186 | 0.76 | + | - |
| 15 | 0.2162 | 2.9471 | 0.22 | + | - |
| 16 | 0.1849 | 3.1171 | 4.32 | + | + |
| 17 | 0.1796 | 3.3759 | 3.88 | + | + |
| 18 | 0.1796 | 3.3759 | 3.33 | + | + |
| 19 | 0.1849 | 3.4998 | 4.35 | + | + |
| 29 | 0.1953 | 3.4777 | 3.26 | + | + |
| 30 | 0.1953 | 3.4777 | 3.79 | + | + |
| 31 | 0.2063 | 2.9479 | 0.28 | + | - |
| 32 | 0.1926 | 3.3030 | 3.18 | + | + |
| 33 | 0.1751 | 3.3333 | 2.28 | + | + |
| 34 | 0.1888 | 3.2020 | 2.19 | + | + |
| 35 | 0.1966 | 3.2111 | 0.20 | + | - |
| 36 | 0.2084 | 2.9719 | 0.21 | + | - |

Table 3 OD OF HCV

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Serial No. | Cut of value | Optical Density | | Result | |
| Positive Control | Test | Elisa | Rapid |
| 1 | 0.3519 | 2.5767 | 1.45 | + | + |
| 2 | 0.3128 | 2.4831 | 0.32 | + | - |
| 3 | 0.3253 | 2.4055 | 1.07 | + | + |
| 4 | 0.3263 | 2.4744 | 0.43 | + | - |