|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |   |   |   |   |   |   |   |   |   |
|   |  **Efficiency of Transplacental Transfer of RSV specific antibodies** |   |   |
| **Characteristic** | **Kilifi** |  |  | **Siaya**  |  |  | **All women** |  |  |
|  | **n=200** | **Mean CMTR**  | **SD\*** | **n=200**  | **Mean CMTR**  | **SD\*** | **n =400** | **Mean CMTR**  | **SD\*** |
| **Gestational age at delivery** |  |  |  |  |  |  |  |  |  |
| <33 weeks | 10 | 1.00 | 0.08 | 2 | 0.90 | 0.06 | 13 | 0.98 | 0.09 |
| 34-37 weeks | 59 | 1.02 | 0.06 | 44 | 1.02 | 0.08 | 103 | 1.02 | 0.07 |
| 38-42 weeks | 131 | 1.02 | 0.07 | 153 | 1.02 | 0.11 | 284 | 1.02 | 0.10 |
| **Gravida** |  |  |  |  |  |  |  |  |  |
| 1-2 | 112 | 1.02 | 0.07 | 41 | 1.05 | 0.10 | 153 | 1.03 | 0.08 |
| 3-5 | 65 | 1.01 | 0.08 | 127 | 1.02 | 0.11 | 192 | 1.02 | 0.10 |
| 6-9 | 18 | 1.00 | 0.07 | 31 | 0.98 | 0.08 | 49 | 0.99 | 0.08 |
| 10-15 | 5 | 0.97 | 0.11 | 1 | 0.99 |   | 6 | 0.98 | 0.10 |
| **Occupation** |  |  |  |  |  |  |  |  |  |
| Farmer | 1 | 0.98 |  | 13 | 0.96 | 0.06 | 14 | 0.96 | 0.06 |
| Business woman | 23 | 1.03 | 0.07 | 59 | 1.02 | 0.09 | 82 | 1.02 | 0.09 |
| Housewife | 136 | 1.01 | 0.07 | 92 | 1.02 | 0.11 | 228 | 1.02 | 0.09 |
| Salaried worker | 16 | 1.03 | 0.07 | 18 | 1.03 | 0.14 | 34 | 1.04 | 0.11 |
| Other | 24 | 1.02 | 0.08 | 18 | 1.04 | 0.06 | 42 | 1.03 | 0.07 |
| **Marital status** |  |  |  |  |  |  |  |  |  |
| Single | 9 | 1.01 | 0.06 | 10 | 0.99 | 0.11 | 19 | 1 | 0.08 |
| Married | 191 | 1.02 | 0.07 | 190 | 1.02 | 0.1 | 381 | 1.02 | 0.09 |
| **Maternal age (yrs)** |  |  |  |  |  |  |  |  |  |
| 16-19 | 31 | 1.02 | 0.07 | 4 | 0.96 | 0.21 | 35 | 1.02 | 0.09 |
| 20-29 | 108 | 1.02 | 0.07 | 141 | 1.02 | 0.10 | 249 | 1.02 | 0.09 |
| 30-39 | 46 | 1.02 | 0.07 | 51 | 1.00 | 0.10 | 97 | 1.01 | 0.09 |
| 40-49 | 15 | 1.03 | 0.08 | 4 | 0.94 | 0.06 | 19 | 1.00 | 0.09 |
| **Education level** |  |  |  |  |  |  |  |  |  |
| None | 23 | 1.01 | 0.08 | 2 | 1.06 | 0.04 | 25 | 1.01 | 0.08 |
| Primary | 124 | 1.01 | 0.07 | 108 | 1.02 | 0.09 | 232 | 1.02 | 0.08 |
| Secondary | 37 | 1.03 | 0.07 | 74 | 1.01 | 0.13 | 111 | 1.02 | 0.12 |
| Tertiary | 16 | 1.05 | 0.09 | 16 | 1.03 | 0.05 | 32 | 1.04 | 0.08 |
| **HIV status** |  |  |  |  |  |  |  |  |  |
| Negative |  |  |  | 163 | 1.03 | 0.11 |  |  |  |
| Positive |   |   |   | 37 | 0.98 | 0.08 |   |   |   |
| **Severe anaemia** |  |  |  |  |  |  |  |  |  |
| No |  |  |  | 188 | 1.02 | 0.11 |  |  |  |
| Yes |   |   |   | 12 | 1.00 | 0.07 |   |   |   |
| **Malaria** |  |  |  |  |  |  |  |  |  |
| No |  |  |  | 148 | 1.01 | 0.11 |  |  |  |
| Yes |   |   |   | 52 | 1.04 | 0.08 |   |   |   |
| **Maternal RSV infection** |  |  |  |  |  |  |  |  |  |
| Negative |  |  |  | 195 | 1.02 | 0.11 |  |  |  |
| Positive |   |   |   | 5 | 0.98 | 0.86 |   |   |   |
|  |  |  |  |  |  |  |  |  |  |