S2 Table Overview of Immunogenicity Results (PPS, N = 102)

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| --- | --- | --- | --- | --- | --- |
| ELISA | | Baseline | Two weeks after first MVA-BN vaccination 1 | Two weeks after second MVA-BN vaccination 2 | Individual peak |
| Group MM  (N = 50) | Seropositivity rate (%) | 100.0 | NA | NA | NA |
|  | Response rate (%) | NA | 98.0 | 98.0 | 100.0 |
| SC rate (%) | NA | 84.0 | 90.0 | 92.0 |
| GMT | 130.1 | 634.2 | 874.0 | 1061.9 |
| Group PM (N = 52) | Seropositivity rate (%) | 94.2 | NA | NA | NA |
|  | Response rate (%) | NA | 98.1 | NA | 100.0 |
| SC rate (%) | NA | 84.6 | NA | 86.5 |
| GMT | 106.3 | 604.7 | NA | 647.3 |
| PRNT | | Baseline | Two weeks after first MVA-BN vaccination 1 | Two weeks after second MVA-BN vaccination 2 | Individual peak |
| Group MM  (N = 50) | Seropositivity rate (%) | 70.0 | NA | NA | NA |
|  | Response rate (%) | NA | 84.0 | 98.0 | 98.0 |
| SC rate (%) | NA | 76.0 | 92.0 | 98.0 |
| GMT | 11.4 | 113.2 | 229.6 | 283.0 |
| Group PM (N = 52) | Seropositivity rate (%) | 69.2 | NA | NA | NA |
|  | Response rate (%) | NA | 82.7 | NA | 84.6 |
| SC rate (%) | NA | 76.9 | NA | 76.9 |
| GMT | 12.1 | 129.6 | NA | 142.9 |

ELISA = enzyme-linked immunosorbent assay, PPS = Per Protocol Set, GMT = geometric mean titer, peak = maximum individual titer of Visit 2 to Visit 5, N = Number of subjects in specified group, NA = Not Applicable, PRNT = plaque reduction neutralization test, SC = seroconversion

1 = Two weeks after first vaccination is week 2 for Group 1 and week 6 for Group 2.

2 = For Group 1 only: two weeks after second vaccination is week 6 for Group 1.