|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Total IgG to SPs** | | | | | | | |
| **Immunisation group** | **Identification number of guinea pig** | **Titer** | **log10titer** | **Immunisation group** | **Identification number of guinea pig** | **Titer** | **log10titer** |
| **2 (rPA83m+SPs)** | 2.1 | 7.28x103 | 3.86 | **5 (rPA83m+SPs incubated)** | 5.1 | 6.90x103 | 3.84 |
| 2.2 | 5.15x104 | 4.71 | 5.2 | 1.36x104 | 4.13 |
| 2.3 | 5.74x103 | 3.76 | 5.3 | 2.02x104 | 4.31 |
| 2.4 | 4.40x104 | 4.64 | 5.4 | 3.64x104 | 4.56 |
| 2.5 | 4.92x104 | 4.69 | 5.5 | 1.52x104 | 4.18 |
| 2.6 | 5.03x104 | 4.70 | 5.6 | 1.01x105 | 5.00 |
| 2.7 | 4.85x104 | 4.69 | 5.7 | 4.86x104 | 4.69 |
| 2.8 | 1.17x104 | 4.07 | 5.8 | 2.73x104 | 4.44 |
| 2.9 | 5.75x103 | 3.76 | 5.9 | 6.93x103 | 3.84 |
| 2.10 | 8.37x104 | 4.92 | 5.10 | 2.69x104 | 4.43 |
| Median | 4.63x104 | 4.67 | Median | 2.35x104 | 4.37 |
| **7 (SPs)** | 7.1 | 5.10x104 | 4.71 | **8 (PBS)** | 8.1 | 6.41x103 | 3.81 |
| 7.2 | 6.20x104 | 4.79 | 8.2 | 5.52x103 | 3.74 |
| 7.3 | 2.06x104 | 4.31 | 8.3 | 5.41x103 | 3.73 |
| 7.4 | 3.19x104 | 4.50 | 8.4 | 6.82x103 | 3.83 |
| 7.5 | 1.24x104 | 4.09 | 8.5 | 4.44x103 | 3.65 |
| Median | 3.19x104 | 4.50 | Median | 5.52x103 | 3.74 |

**SUPPLEMENTARY TABLE 2 |** Total IgG titers to SPs in blood sera of guinea pigs from groups immunised with rPA83m+SPs formulations and control groups immunised with SPs or PBS. Groups of guinea pigs were immunised subcutaneously twice at 28-day intervals. The scheme of the study is presented in **Figure 4**. Blood was collected from the marginal ear vein 20 days after the second immunisation. Sera titers were evaluated using indirect ELISA (antigen concentration on microplate – 10 µg/ml).