|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table S2. RM Serum NT50 levels measured on ARPE-19, MRC-5 and HUVECs after 3 MVA vaccinations** | | | | | | | | | | | | | | |
| **Cell Type** | **MVA** | **RM** |  | **1stA** |  | **2ndA** | | |  | **3rdA** | | | | |
|  | **6WkB** |  | **7WkB** | **8WkB** | **12WkB** |  | **13WkB** | **14WkB** | **18WkB** | **22WkB** | **26WkB** |
|  |  | **RM1** |  | 1860 |  | 78340 | 75280 | 20070 |  | 62730 | 45120 | 9650 | 2960 | 2120 |
|  |  | **RM2** |  | 370 |  | 54490 | 40450 | 4710 |  | 19730 | 12950 | 1630 | 940 | 910 |
|  | **gH/gL-PC** | **RM3** |  | 620 |  | 29960 | 8770 | 1860 |  | 20620 | 10430 | 1490 | 1060 | 880 |
|  |  | **RM4** |  | 1020 |  | -D | 24680 | 10700 |  | 33610 | 20990 | 5000 | 2070 | 1080 |
| **ARPE-19** |  | **ØC** |  | 968 |  | 54263 | 37295 | 9335 |  | 34173 | 22373 | 4443 | 1758 | 1248 |
|  |  | **RM5** |  | <50 |  | 150 | 120 | <50 |  | <50 | 110 | <50 | <50 | <50 |
|  |  | **RM6** |  | <50 |  | 150 | 80 | <50 |  | 60 | <50 | <50 | <50 | <50 |
|  | **gH/gL** | **RM7** |  | <50 |  | 180 | 350 | <50 |  | 90 | 60 | <50 | <50 | <50 |
|  |  | **RM8** |  | <50 |  | 530 | 250 | <50 |  | 350 | 180 | <50 | <50 | <50 |
|  |  | **Ø**C |  | <50 |  | 253 | 200 | <50 |  | 138 | 100 | <50 | <50 | <50 |
|  |  | **RM1** |  | <25 |  | 630 | 470 | 160 |  | 180 | 100 | <25 | <25 | <25 |
|  |  | **RM2** |  | <25 |  | 300 | 60 | <25 |  | 60 | 50 | <25 | <25 | <25 |
|  | **gH/gL-PC** | **RM3** |  | <25 |  | 190 | 140 | <25 |  | 90 | 70 | <25 | <25 | <25 |
|  |  | **RM4** |  | <25 |  | -D | 250 | 140 |  | 150 | 160 | 30 | <25 | <25 |
| **MRC-5** |  | **ØC** |  | <25 |  | 373 | 230 | 88 |  | 120 | 95 | 25 | <25 | <25 |
|  |  | **RM5** |  | <25 |  | 310 | 270 | 30 |  | 150 | 170 | <25 | <25 | <25 |
|  |  | **RM6** |  | <25 |  | 100 | 60 | <25 |  | 60 | 40 | <25 | <25 | <25 |
|  | **gH/gL** | **RM7** |  | <25 |  | 170 | 150 | <25 |  | 40 | <25 | <25 | <25 | <25 |
|  |  | **RM8** |  | <25 |  | 310 | 290 | <25 |  | <25 | <25 | <25 | <25 | <25 |
|  |  | **Ø**C |  | <25 |  | 223 | 193 | 25 |  | 69 | 65 | <25 | <25 | <25 |
|  |  | **RM1** |  | -E |  | -E | 80000 | -E |  | -E | -E | -E | -E | 1960 |
|  |  | **RM2** |  | -E |  | -E | 47230 | -E |  | -E | -E | -E | -E | 430 |
|  | **gH/gL-PC** | **RM3** |  | -E |  | -E | 8220 | -E |  | -E | -E | -E | -E | 1240 |
|  |  | **RM4** |  | -E |  | -E | 18580 | -E |  | -E | -E | -E | -E | 2400 |
| **HUVEC** |  | **ØC** |  | -E |  | -E | 38510 | -E |  | -E | -E | -E | -E | 1510 |
|  |  | **RM5** |  | -E |  | -E | 400 | -E |  | -E | -E | -E | -E | <25 |
|  |  | **RM6** |  | -E |  | -E | 70 | -E |  | -E | -E | -E | -E | <25 |
|  | **gH/gL** | **RM7** |  | -E |  | -E | 170 | -E |  | -E | -E | -E | -E | <25 |
|  |  | **RM8** |  | -E |  | -E | 360 | -E |  | -E | -E | -E | -E | <25 |
|  |  | **Ø**C |  | -E |  | -E | 250 | -E |  | -E | -E | -E | -E | <25 |
| ANumber of vaccinations, BWeeks after initial vaccination, CAverage NT50, DMissing sample, ENot available | | | | | | | | | | | | | | |