Supplementary Table 1

10Log[endpoint titers]\* of the mice sera on oligo-[Aβ1-42] and peptide/BSA-conjugates as coating antigens

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | day 54  (tail puncture) | day 75  (tail puncture) |  | day #  (heart puncture) |  |  |  |  |
|  |  | ELISA 1 | ELISA 2 |  |  | ELISA 3 | ELISA 3 | ELISA 3 | ELISA 3 |
| **mouse #** | **treatment (group)** | **oligo-[Aβ1-42]** | **oligo-[Aβ1-42]** |  | **experimental day** | **oligo-[Aβ1-42]** | **c(22-28)/BSA** | **c(23-29)/BSA** | **c(22-29)/BSA** |
| **16** | mock-immunized (group A) | <2,18 |  |  | 66 | <2,18 | 0.00 | 1.56 | 0.00 |
| **4** | mock-immunized (group A) | <2,18 |  |  | 66 | <2,18 | 3.53 | 3.16 | 3.32 |
| **10** | mock-immunized (group A) | 2.33 |  |  | 66 | 2.46 | 3.41 | 3.44 | 3.29 |
| **6** | mock-immunized (group B) | 3.05 | 2.58 |  | 87 | 2.42 | 3.49 | 3.37 | 3.45 |
| **14** | mock-immunized (group B) | <2,18 | 2.57 |  | 87 | 2.60 | 3.49 | 3.43 | 3.44 |
| **20** | mock-immunized (group B) | 2.69 | 2.50 |  | 87 | 2.73 | 3.40 | 3.60 | 3.28 |
| **12** | mock-immunized (group B) | 2.50 | 2.65 |  | 87 | 2.74 | 4.04 | 3.83 | 3.86 |
| **2** | mock-immunized (group C) | 3.01 | 2.71 |  | 108 | 2.27 | 3.60 | 3.51 | 3.51 |
| **18** | mock-immunized (group C) | <2,18 | 2.63 |  | 108 | 2.75 | 3.35 | 3.37 | 3.31 |
|  |  |  |  |  |  |  |  |  |  |
|  | **10Log(average mock OD + 3×SD)** | **3.20** | **3.22** |  |  | **2.94** | **4.10** | **3.92** | **3.92** |
|  |  |  |  |  |  |  |  |  |  |
| **37** | immunized (group A) | 5.30 |  |  | 66 | 5.36 | >6.54 | 6.45 | 6.33 |
| **22** | immunized (group A) | 4.04 |  |  | 66 | 4.18 | 5.99 | >6.54 | 5.95 |
| **21** | immunized (group A) | 4.19 |  |  | 66 | 4.14 | 6.21 | >6.54 | 6.36 |
| **33** | immunized (group A) | 4.23 |  |  | 66 | 4.11 | 6.14 | 6.41 | 5.90 |
| **26** | immunized (group A) | 4.49 |  |  | 66 | 4.07 | 6.36 | 6.50 | 6.26 |
| **29** | immunized (group A) | 3.70 |  |  | 66 | 3.91 | 6.17 | 5.93 | 5.89 |
| **31** | immunized (group A) | 3.70 |  |  | 66 | 3.82 | 6.30 | 6.18 | 6.09 |
| **39** | immunized (group A) | 4.40 |  |  | 66 | 3.59 | >6.54 | 6.51 | 6.05 |
| **41** | immunized (group B) | 2.93 | 4.88 |  | 87 | 4.92 | 6.27 | >6.54 | >6.54 |
| **19** | immunized (group B) | 3.71 | 3.35 |  | 87 | 3.87 | 6.15 | 6.29 | 6.04 |
| **27** | immunized (group B) | 3.23 | 3.91 |  | 87 | 3.76 | >6.54 | 6.53 | 6.18 |
| **11** | immunized (group B) | 3.89 | 2.99 |  | 87 | 3.59 | >6.54 | >6.54 | >6.54 |
| **3** | immunized (group B) | 3.11 | 3.61 |  | 87 | 3.41 | 6.35 | 6.45 | 6.48 |
| **24** | immunized (group B) | 3.01 | 2.81 |  | 87 | 3.38 | 6.35 | >6.54 | 6.30 |
| **9** | immunized (group B) | 3.21 | 2.95 |  | 87 | 2.76 | 6.49 | 6.20 | >6.54 |
| **35** | immunized (group B) | 3.08 | 2.82 |  | 87 | 2.76 | 6.00 | 5.79 | 5.53 |
| **15** | immunized (group C) | 3.01 | 2.84 |  | 108 | 3.73 | 6.36 | >6.54 | 6.53 |
| **13** | immunized (group C) | 2.73 | 3.00 |  | 108 | 3.63 | >6.54 | >6.54 | >6.54 |
| **28** | immunized (group C) | 3.30 | 2.63 |  | 108 | 2.91 | 6.39 | >6.54 | >6.54 |
| **23** | immunized (group C) | 3.09 | 2.81 |  | 108 | 2.89 | >6.54 | 6.44 | 6.31 |
| **17** | immunized (group C) | <2,18 | 2.85 |  | 108 | 2.52 | >6.54 | 6.24 | 6.16 |
| **5** | immunized (group C) | 2.60 | 2.95 |  | 108 | 2.51 | 6.52 | >6.54 | >6.54 |
| **25** | immunized (group C) | 3.76 | 2.61 |  | 108 | 2.28 | >6.54 | 6.31 | 6.36 |
| **7** | immunized (group C) | 2.40 | 2.97 |  | 108 | 2.27 | >6.54 | >6.54 | 6.40 |
| # | values below the 10Log[average mock OD + 3×SD] | |  |  |  |  |  |  |  |
|  | Responders ('responding' in at least one ELISA measurement) | | |  |  |  |  |  |  |
|  | Non-responders (not 'responding' in any of the ELISA measurements) | | |  |  |  |  |  |  |