**Epidermal route – Rat experiments**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Experiment** | **Route** | **Dose (leptospires)** | **n** | **Colonization** | **Tissue load (qPCR)** | | **CD50 leptospires** |
| **Kidney log/g** | **Urine log/mL** |
| 1 | EP | 108 | 2 | 2/2 | 7.15 | 7.3 | ND |
| 7.47 | 8.4 |
| 2 | 108 | 2 | 2/2 | ND | ND | 103 |
| 9.2 | 6.3 |
| 9.1 | 6.8 |
| 106 | 3 | 3/3 | 8.7 | 6.4 |
| 8.5 | 5.5 |
| 8.3 | 5.7 |
| 104 | 3 | 3/3 | 7.2 | 4.3 |
| 6.9 | 3.7 |
| 7.1 | 5.3 |
| 102 | 3 | 0/3 | 0 | 0 |
| 0 | 0 |
| 0 | 0 |
| 3 | 104 | 3 | 3/3 | 8.21 | 5.9 | 3.16 x 102 |
| 7.2 | 6.3 |
| 8.1 | 6.8 |
| 103 | 2 | 2/2 | 7.1 | 6.4 |
| 7.5 | 5.5 |
| ND | ND |
| 102 | 2 | 0/2 | 0 | 0 |
| 0 | 0 |
| ND | ND |
| 101 | 3 | 0/3 | 0 | 0 |
| 0 | 0 |
| 0 | 0 |

**Intraperitoneal route – Rat experiments**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Experiment** | **Route** | **Dose (leptospires)** | **n** | **Colonization** | **Tissue load (qPCR)** | | **CD50 leptospires** |
| **Kidney log/g** | **Urine log/mL** |
| 1 | IP | 108 | 3 | 3/3 | 7.38 | 9.4 | ND |
| 7.29 | 9.6 |
| 7.37 | 9.3 |
| 2 | 108 | 3 | 3/3 | 9.4 | 7.7 | <102 |
| 9.6 | 7.5 |
| 9.7 | 6.7 |
| 106 | 2 | 2/2 | ND | ND |
| 9.3 | 6.9 |
| 8.4 | 6.3 |
| 104 | 3 | 3/3 | 8.8 | 5.5 |
| 7.7 | 6.7 |
| 7.7 | 6.3 |
| 102 | 3 | 3/3 | 7.5 | 2.9 |
| 7.2 | 2.7 |
| 7.9 | 3 |
| 3 | 102 | 3 | 3/3 | 5.84 | 3.75 | 10 |
| 6.95 | 3.2 |
| 5.32 | 0 |
| 10 | 2 | 1/2 | 3.74 | 0 |
| 0 | 0 |
| ND | ND |