Supplementary table 1. Clinical and molecular measurments for all koalas at all avalible time points

| Test | Week | Urine absorbance at tail stump (mm) | Diamator of wet patch (cm) | Bladder wall Thickness (mm) | De-hydration (%) | Body Condition Score (1 -10) | C. pecorum - Ocular (copies/swab) | C. pecorum - Rectal (copies/swab) | C. pecorum - Urogenital (copies/swab) |
|---|---|---|---|---|---|---|---|---|---|
| Male Koala 1 (Doxycycline) | Baseline | 1.5 | 14 | 27 | 0 | 6 | 0 | 0 | 1.37E+06 |
| | Week 2 | 4 | 17 | 47 | 0 | 5 | 0 | 0 | 0 |
| | Week 4 | 0 | 14 | 22 | 0 | 5 | 0 | 0 | 0 |
| | Week 6 | 0 | 14 | 35 | 0 | 7 | 0 | 0 | 0 |
| | Week 8 | 0 | 0 | 18 | 0 | 6 | 0 | 0 | 0 |
| Male koala 2 (Doxycycline) | Baseline | 2 | 16 | 16 | 5 | 5 | 5.16E+04 | 0 | 9.12E+03 |
| | Week 2 | 2 | 12 | 30 | 0 | 5 | 0 | 0 | 0 |
| | Week 4 | 5 | 17 | 22 | 2 | 4 | 0 | 0 | 0 |
| | Week 6 | 0 | 4 | 15 | 10 | 3 | 0 | 0 | 0 |
| | Week 8 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Female koala 1 (Doxycycline) | Baseline | 7 | 10 | 26 | 10 | 7 | 8.43E+05 | 6.78E+04 | 4.70E+05 |
| | Week 2 | 0 | 6 | 28 | 0 | 7 | 2.33E+04 | 0 | 8.75E+03 |
| | Week 4 | 0 | 0 | 17 | 0 | 6 | 1.25E+05 | 3.13E+04 | 1.53E+04 |
| | Week 6 | 0 | 0 | 18 | 0 | 7 | 7.37E+03 | 3.36E+03 | 3.67E+03 |
| | Week 8 | 0 | 0 | 22 | 0 | 7 | 0 | 0 | 0 |
| Female koala 2 (Chloramphenicol) | Baseline | 0 | 10 | 13 | 5 | 8 | 3.07E+04 | 1.49E+07 | 4.65E+07 |
| | Week 2 | 0 | 0 | 31 | 5 | 7 | 0 | 0 | 0 |
| | Week 4 | 0 | 0 | 18 | 0 | 6 | 0 | 0 | 0 |
| | Week 6 | 0 | 0 | 20 | 10 | 7 | 0 | 0 | 0 |
| | Week 8 | 0 | 0 | 16 | 0 | 6 | 0 | 0 | 0 |
| Female koala 3 (Doxycycline) | Baseline | 5 | 16 | 70 | 10 | 6 | 0 | 0 | 2.72E+05 |
| | Week 2 | Not taken | 17 | 18 | 5 | 4 | 0 | 0 | 0 |
| | Week 4 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | Week 6 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| | Week 8 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |