**Additional file 1 Individual serological titres in infected dams and foetuses/stillbirths at the time of necropsy.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Group** | **Eweref.** | **Time of necropsy (dpi)** | **Dams sera titre** | **Foetus/Lambs ref.** | **FL or Sera titre** |
| **G1****(day 40)** | **146** | 12 | 1:400 | 146F1 | - |
| 146F2 | - |
| **147** | 12 | 1:800 | 147F1 | - |
| 147F2 | - |
| **148** | 12 | 1:800 | 148F1 | - |
| 148F2 | - |
| **150** | 19 | 1:1600 | 150F1 | - |
| 150F2 | - |
| **151** | 19 | 1:400 | 151F1 | - |
| 151F2 | - |
| **152** | 19 | 1:800 | 152F1 | - |
| **154** | 26 | 1:800 | 154F1 | - |
| 154F2 | - |
| 154F3 | - |
| **155** | 26 | 1:600 | 155F1 | - |
| 155F2 | - |
| **156** | 26 | 1:1600 | 156F1 | - |
| 156F2 | - |
| **G2****(day 90)** | **387** | 11^ | 1:400 | 387F1 | -\* |
| **158** | 12 | 1:800 | 158F1 | -\* |
| **159** | 12^ | 1:3200 | 159F1 | -\* |
| 159F2 | -\* |
| 159F3 | -\* |
| **160** | 13^ | 1:3200 | 160F1 | - |
| 160F2 | - |
| 160F3 | - |
| **379** | 14^ | 1:3200 | 379F1 | - |
| **162** | 19 | 1:1600 | 162F1 | - |
| 162F2 | - |
| **163** | 19 | 1:3200 | 163F1 | - |
| 163F2 | - |
| 163F3 | - |
| **165** | 26 | 1:6400 | 165F1 | - |
| 165F2 | - |
| **166** | 26 | 1:6400 | 166F1 | 1:64 |
| 166F2 | 1:128 |
| **G3****(day 120)** | **179** | 9^ | 1:1600 | 179F1 | na |
| **181** | 12 | 1:1600 | 181F1 | 1:16 |
| **182** | 12 | 1:1600 | 182F1 | - |
| **183** | 13^ | 1:1600 | 183F1 | -\* |
| 183F2 | -\* |
| **185** | 19^ | 1:1600 | 185F1 | -\* |
| **186** | 19 | 1:6400 | 186F1 | - |
| **187** | 21^ | 1:6400 | 187F1 | -\* |
| **188** | 22^ | 1:3200 | 188F1 | -\* |
| 188F2 | -\* |
| **189** | 26^ | 1:12 800 | 189F1 | na |
| 189F2 | 1:32 |

^ aborted foetus or stillbirth. \* analysis of thoracic sera from aborted foetuses. dpi: days post-infection; dg: days of gestation; NA: not available.