**Supplemental Table S1**

**Table S1:** Limit of detection (LOD) for primer concentration 3 for the *Streptococcus equi* subspecies *equi* loop-mediated isothermal amplification (Str-LAMP) assay.

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| --- | --- | --- |
| DNA concentration (ng/µl) | Av Tp1 (mm:ss) | SD2(mm:ss) |
| 1x100 | 05:02 | 00:07 |
| 1x10-1 | 06:25 | 00:05 |
| 1x10-2 | 08:49 | 00:18 |
| 1x10-3 | 10:38 | 00:15 |
| 1x10-4 | 12:33 | 00:57 |
| 1x10-5 | 13:06 | 00:24 |
| 1x10-6 | No amplification |  |
| 1x10-7 | No amplification |  |
| 1x10-8 | No amplification |  |
| 1x10-9 | No amplification |  |

1 Average time to positive (Tp) across 3 technical replicates

2 Standard deviation (SD) of Tp across 3 technical replicates