Supplementary data

Fig. S1 Mechanical disruption of *T. gondii* oocysts for releasing sporocysts by TissueLyser. Oocysts were mixed with different types (ceramic, glass) and sizes of beads (1.4 mm in ceramic, 425-600 µm or 2 mm in glass, or using a Lysing Matrix E tube (MP Biomedicals)) and submitted to TissueLyser agitation at 33 Hz for 30 sec, 1 min, 2 min, 3 min or 5 min to release sporocysts. * no observed sporocysts. The y axis indicates mean percentage ± standard deviation of sporocysts released by microscopic count and the corresponding standard deviation. Number of experiments varied between 1 and 7. When no standard deviation: n=1.

Table S1. Effects of heat treatments on the infectivity of *T. gondii* oocysts assessed by sporocyst-CC-qPCR and bioassay. n=3 independent experiments; [a] -, no detection of tachyzoites in Vero cell culture; +, detection of tachyzoites in Vero cell culture; [b] -, no seroconversion of mice; +, mice seroconversion.

Figure S1

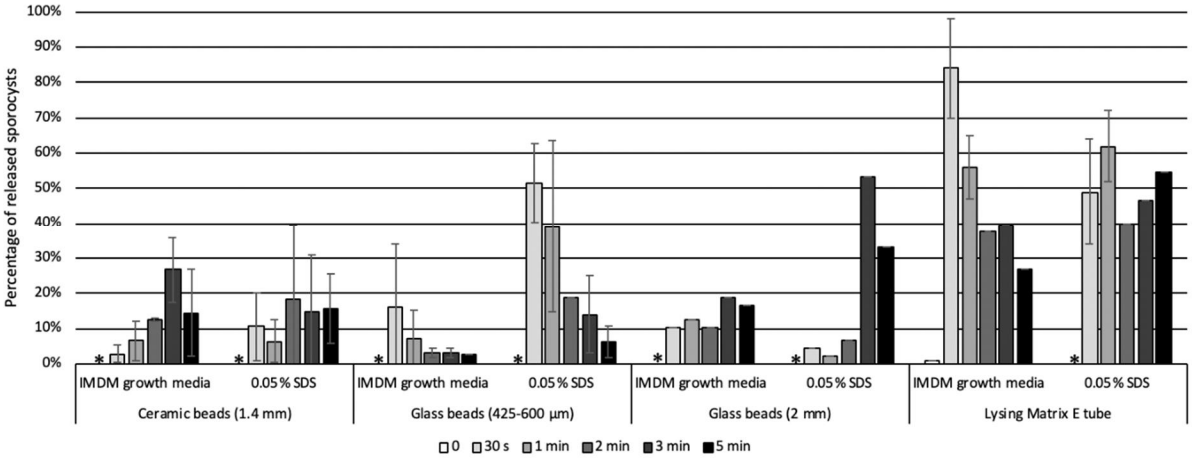
100%
90%
80%
70%
60%
50%
40%
30%
20%
10%
0%
Percentage of released sporocysts
IMDM growth media
0.05% SDS
Ceramic beads (1.4 mm)
IMDM growth media
0.05% SDS
Glass beads (425-600 µm)
IMDM growth media
0.05% SDS
Glass beads (2 mm)
IMDM growth media
0.05% SDS
Lysing Matrix E tube
0
30 s
1 min
2 min
3 min
5 min

Table S1

Treatment	qCC-PCR[a]	Bioassay[b]
Untreated	+	+
5 min 99°C	-	-
2 min 80°C	-	-
2 min 60°C	-	-