

Table. S2. Validation of LVA neutralization efficacy and host-cell cytotoxicity.

Strain / Virus	Recovery in PBS control (log units)	Recovery in neutralized LVA (log units)	Cytotoxicity
<i>E. coli</i> (ATCC 25922)	6.8 ± 0.2	6.8 ± 0.1	/
<i>E. coli</i> O157:H7 (ATCC 35150)	6.9 ± 0.1	6.8 ± 0.1	/
<i>S. Typhimurium</i> (ATCC 14028)	6.8 ± 0.1	6.6 ± 0.1	/
<i>S. Enteritidis</i> (ATCC 13076)	6.7 ± 0.1	6.6 ± 0.1	/
<i>L. monocytogenes</i>	6.8 ± 0.1	6.7 ± 0.1	/
MS2 bacteriophage	6.9 ± 0.1	6.8 ± 0.1	Not observed
Tulane virus	6.8 ± 0.1	6.7 ± 0.1	Not observed

Notes: Microbial and viral recoveries are expressed as log CFU/mL for bacteria, log PFU/mL for MS2, and log TCID₅₀/mL for Tulane virus. Data represent the mean ± SD (n = 3).