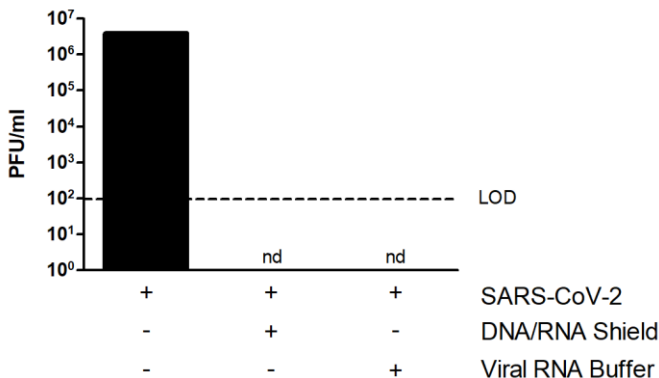
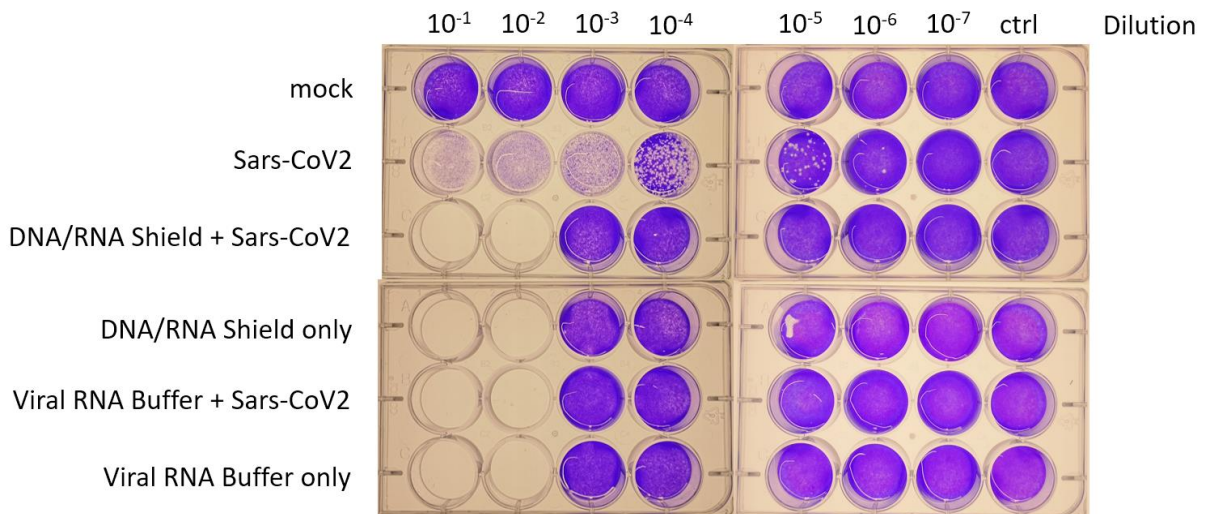


Inactivation of SARS-CoV-2 with DNA/RNA Shield™ for safe COVID-19 Surveillance



- SARS-CoV-2, strain Muc-IMB-1
- DNA/RNA Shield (R1100-50, R1100-250, R1200-25, R1200-125)
- Viral RNA Buffer (R1034—1-100, R1034-1-50)



Virus titration. Vero-E6 cells were infected with serial dilutions of SARS-CoV-2, strain Muc-IMB-1. Virus was applied without pre-treatment, or incubated with DNA/RNA Shield, or Viral RNA Buffer for 30 min at ambient temperature. Cells were also treated with buffer only to monitor toxicity of the individual buffers. Cells were incubated for 48 hours with agarose overlay before fixation with formaldehyde. Plaques were visualized with crystal violet staining.

