



## RT-LAMP SARS-CoV-2 positive control stock

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1 Works for me This protocol is published without a DOI.

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### MATERIALS

NAME	CATALOG #	VENDOR
1X PBS (Phosphate-buffered saline)		
dH2O		
1.5 ml tubes		
PCR strip tubes		
Heat-inactivated SARS-CoV-2	ATCC® VR-1986HK™	ATCC

- 1 Using either the company-provided stock concentration or a qRT-PCR determined stock concentration, dilute virus in dH2O to create a **1e9 copies/ml stock** virus.
- 2 Create a **1e6 copies/ml stock** virus by diluting 1e9 copies/ml stock 1:1000 in 50% dH2O and 50% 1x PBS solution.
- 3 Create a **ready-to-use positive control stock (1e3 copies per 3 µl)** for RT-LAMP saliva testing assay by diluting 100 µl of the 1e6 copies/ml stock in 200 µl of 50% dH2O/50% 1x PBS solution.
- 4 Prepare 10 µl aliquots of ready-to-use positive control stock in PCR strip tubes.