protocols.io

🌐 Open Isothermal Platform Protocal

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1 *Works for me*   dx.doi.org/10.17504/protocols.io.bk3nkyme

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PROTOCOL CITATION

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1   Extract RNA as per dx.doi.org/10.17504/protocols.io.bkynkxve

2   Transfer 5ml of extracted RNA to pre-aliquoted LAMP mix. Mix by pipetting up and down 5 times.

3   Add 5ml of H_2O in negative control well 7.

4   Add 5ml of positive control in well 8.

5   Cap all wells

6   Place strips in FABL-8

7   Run FABL-8 as per manual

8   **LAMP reaction (can refer to N1-STOP-LAMP paper)**

Single reaction setup:

Reagent	Volume (ml)
Optigene Master Mix	15
N1 primer	5
Extracted RNA	5
Total	**25**

To reduce pipetting error, Master Mix and N1 primer are premixed according to the number of reactions desired (allow for pipetting error by preparing enough for ~1.1x the number of reactions, rounded to the nearest whole number); 20ml of this mixture is then aliquoted per reaction.