Reviewer's report

Title: Rapid and simple colorimetric detection of multiple influenza viruses infecting humans using a Reverse Transcriptional Loop-mediated Isothermal Amplification (RT-LAMP) diagnostic platform

Version: 1 Date: 09 Jun 2019

Reviewer: Catherine Hogan

Reviewer's report:

Regarding previous comments:

1. Need for avian influenza testing upfront: suggest adding sentence that need for such multiplexed testing should be based on local epidemiology. You have added comment pertaining to importance of rapidly detecting avian influenza which is helpful. However, this is not applicable first line in many settings and again may involve risk of false-positives.

2. Thank you for the additional information on robustness of H7N9 result. However, would add sentence in discussion on the limitation of a single sample of H7N9 to make it clearer to the reader.

Minor:

1. Multiple places throughout the text: humans (not human) when used in the plural

2. Line 67: to more than 1,567 (not as to more than)

3. Suggest reviewing grammar and word choice throughout the text.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

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None

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