

## Accepted Manuscript

Title: Development and optimization of a direct plaque assay for trypsin-dependent human metapneumovirus strains

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PII: S0166-0934(18)30116-2

DOI: <https://doi.org/10.1016/j.jviromet.2018.05.012>

Reference: VIRMET 13471

To appear in: *Journal of Virological Methods*

Received date: 4-3-2018

Revised date: 24-5-2018

Accepted date: 24-5-2018



Please cite this article as: Xu J, Zhang Y, Williams JV, Development and optimization of a direct plaque assay for trypsin-dependent human metapneumovirus strains, *Journal of Virological Methods* (2018), <https://doi.org/10.1016/j.jviromet.2018.05.012>

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## Development and optimization of a direct plaque assay for trypsin-dependent human metapneumovirus strains

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### Highlights

- A direct plaque assay for HMPV trypsin-dependent strains was developed.
- This assay yields similar sensitivity and results with immuno-staining assay.
- This assay is economical, timing-saving, and does not require use of antibodies.
- This assay is applicable to HMPV from all subgroups and animal tissue samples.

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