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In vitro infection of PBMCs with dengue and Zika virus [↗](#)

PLOS Neglected Tropical Diseases

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Works for me [dx.doi.org/10.17504/protocols.io.babdiai6](https://doi.org/10.17504/protocols.io.babdiai6)



ABSTRACT

This protocol details in vitro infection of human PBMCs with dengue/zika virus followed by multiparameter antibody labeling and data acquisition using CyTOF. The data using this protocol is available at ImmPort (immport.org) under study accession SDY1369.

EXTERNAL LINK

<https://doi.org/10.1371/journal.pntd.0008112>

THIS PROTOCOL ACCOMPANIES THE FOLLOWING PUBLICATION

Zhao Y, Amodio M, Wyk BV, Gerritsen B, Kumar MM, Dijk Dv, Moon K, Wang X, Malawista A, Richards MM, Cahill ME, Desai A, Sivadasan J, Venkataswamy MM, Ravi V, Fikrig E, Kumar P, Kleinstein SH, Krishnaswamy S, Montgomery RR (2020) Single cell immune profiling of dengue virus patients reveals intact immune responses to Zika virus with enrichment of innate immune signatures. PLoS Negl Trop Dis 14(3): e0008112. doi: [10.1371/journal.pntd.0008112](https://doi.org/10.1371/journal.pntd.0008112)

ATTACHMENTS

[In vitro infection of PBMCs with dengue and Zika virus.xlsx](#)



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