

# SARS-CoV-2 RNAemia infrequent in blood donors

3 June 2021



Nucleic acid testing of donor plasma minipools (MPs) indicates that severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) RNAemia is infrequent, according to a study published online May 27 in *Transfusion*.

Sonia Bakkour, Ph.D., from the Vitalant Research Institute in San Francisco, and colleagues tested [blood donations](#) collected from March 7 to Sept. 25, 2020, for SARS-CoV-2 RNA (vRNA) in donor plasma MPs of six or 16 donations. To estimate [viral load](#), reactive MPs were tested by transcription-mediated amplification after serial dilution.

Overall, 17,995 MPs corresponding to about 258,000 donations were tested for vRNA. The researchers identified three confirmed reactive MP16s, for an estimated prevalence of 1.16/100,000 vRNA reactive donations. The vRNA-reactive samples were not reactive for antibody; within each MP, the estimated viral loads of the (presumed single) positive donations ranged from

APA citation: SARS-CoV-2 RNAemia infrequent in blood donors (2021, June 3) retrieved 10 October 2022 from <https://medicalxpress.com/news/2021-06-sars-cov-rnaemia-infrequent-blood-donors.html>

*This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.*