

Supplementary materials for

SARS-CoV-2 RNA in exhaled air of hospitalized COVID-19 patients

Authors: Lisa Kurver^a, Corné H. van den Kieboom^{b,g}, Kjerstin Lanke^c, Dimitri A. Diavatopoulos^b, Gijs J. Overheul^c, Mihai G. Netea^{a,d}, Jaap ten Oever^a, Reinout van Crevel^a, Karin Mulders-Manders^a, Frank L. van de Veerdonk^a, Heiman Wertheim^c, Jeroen Schouten^e, Janette Rahamat-Langendoen^f, Ronald P. van Rij^c, Teun Bousema^c, Arjan van Laarhoven^{a*}, Marien I. de Jonge^{b*}

Affiliations:

^a Department of Internal Medicine and Radboud Centre for Infectious Diseases, Radboud University Medical Center, 6525 GA, Nijmegen, The Netherlands

^b Laboratory of Medical Immunology, Radboud Institute for Molecular Life Sciences, Radboud University Medical Center, 6525 GA, Nijmegen, The Netherlands

^c Department of Medical Microbiology, Radboud Institute for Molecular Life Sciences, Radboud University Medical Center, 6525 GA, Nijmegen, The Netherlands

^d Department of Immunology and Metabolism, Life and Medical Sciences Institute, University of Bonn, 53115 Bonn, Germany

^e Department of Intensive Care Medicine, Radboud University Medical Center, 6525 GA, Nijmegen, the Netherlands

^f Department of Medical Microbiology, Radboud Centre for Infectious Diseases, Radboud University Medical Center, 6525 GA, Nijmegen, the Netherlands

^g Xheal Diagnostics B.V., 6525 GC Nijmegen, The Netherlands

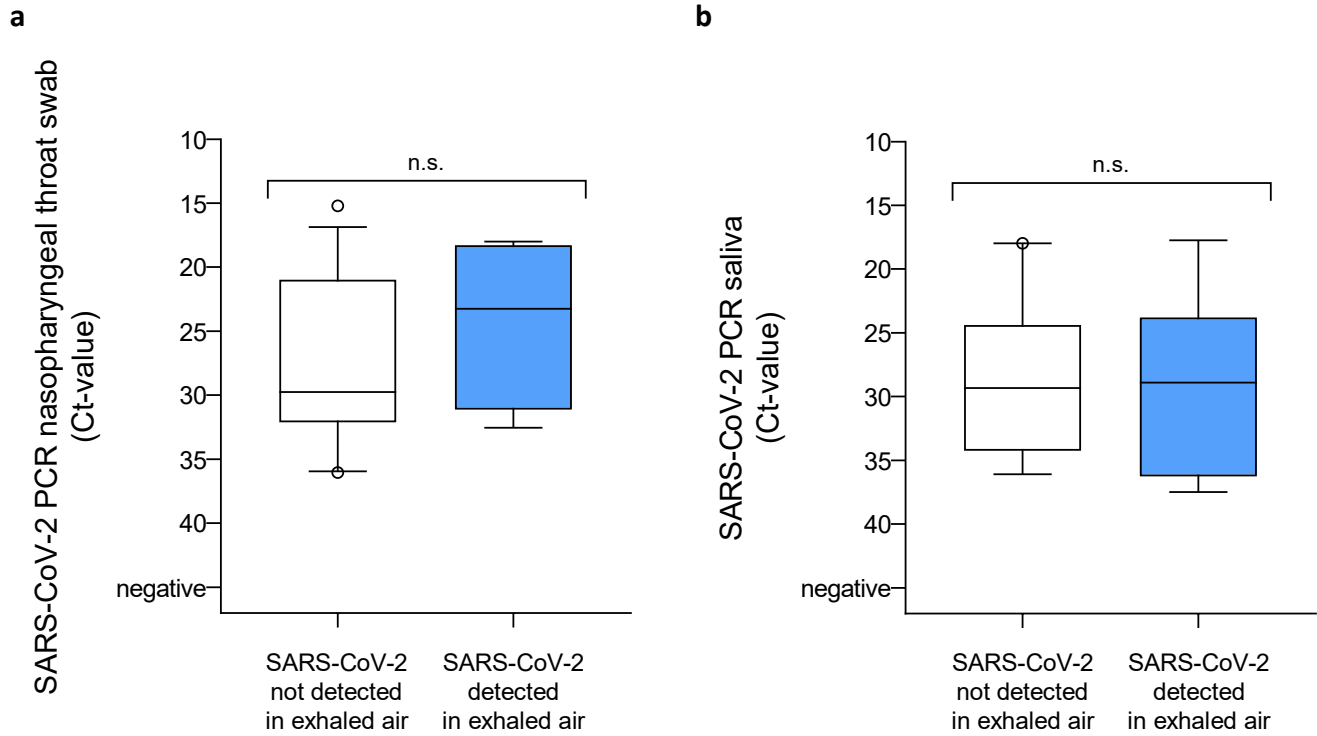
*These authors contributed equally to this work

Corresponding Author: Dr. Marien I. de Jonge
Radboud University Medical Center

Geert Grooteplein Zuid 10, route 469
6525 GA, Nijmegen, The Netherlands

Telephone number: +31 6 57 58 47 00

E-mail address: Marien.deJonge@radboudumc.nl



Supplementary Figure 1: a) Boxplot depicting SARS-CoV-2 viral RNA load measured in nasopharyngeal throat swabs for patients without and with detectable SARS-CoV-2 RNA in the exhaled air sample. **b)** Boxplot depicting SARS-CoV-2 viral RNA load measured in saliva for patients without and with detectable SARS-CoV-2 RNA in the exhaled air sample. No significant differences were found.

Filled boxes represent the group in which SARS-CoV-2 RNA was detected in exhaled air samples. Open boxes represent the group in which SARS-CoV-2 RNA was not detected in exhaled air samples.