



National Institute for Public Health
and the Environment
Ministry of Health, Welfare and Sport

> Return address Postbus 1 3720 BA Bilthoven

To 5.1.2e
Clinical Microbiology Reviews

Date 13 May 2020
Subject Review manuscript proposal "Towards sensitive and accurate interpretation of molecular testing for SARS-CoV-2"

Dear 5.1.2e

Herewith we submit a proposal for a review, entitled "Towards sensitive and accurate interpretation of molecular testing for SARS-CoV-2" by K. Stanoeva et al. for your consideration for publication in the Clinical Microbiology Reviews.

In the current phase of the COVID-19 pandemic countries are scaling up their molecular testing capacities to support exit strategies from economical and societal disrupting control measures. Sensitive testing strategies as well as correct test interpretation, especially with negative results, are critical.

Although SARS-CoV-2 has been known to the world for just 4 months, the amount of available literature is massive. In these times of the COVID-19 infodemic, extracting and digesting relevant information is nearly impossible. To support laboratory scientists, clinicians and Public Health authorities, we reviewed SARS-CoV-2 literature till May 2020. We systematically extracted existing knowledge (or lack thereof) relevant for molecular detection of SARS-CoV-2 based on 10,625 COVID-19 cases. With a broad readership in mind, we outline key points with direct implications for laboratory and clinical practice and provide the underlying study dataset for more in-depth data mining.

We believe this manuscript is of critical interest to the readers of Clinical Microbiology Reviews as it provides a much needed thorough review of existing and absent evidence critical for accurate diagnosis of COVID-19 cases as part of clinical and Public Health decision making.

On behalf of the authors
Sincerely yours,

5.1.2e

&

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A. van Leeuwenhoeklaan 9
3721 MA Bilthoven
Postbus 1
3720 BA Bilthoven
www.rivm.nl

KvK Utrecht 30276683

T 030 5.1.2e
F 030 5.1.2e
info@rivm.nl

Our reference

Your reference

Dealt with by

5.1.2e

5.1.2e

T 5.1.2e
5.1.2e@rivm.nl

Enclosure(s)

none