

To: [redacted] 5.1.2e [redacted] 5.1.2e @mf.uni-lj.si]
Cc: [redacted] 5.1.2e [redacted] 5.1.2e @mf.uni-lj.si]; [redacted] 5.1.2e [redacted] 5.1.2e @mf.uni-lj.si]; [redacted] 5.1.2e [redacted] 5.1.2e @rivm.nl]
From: [redacted] 5.1.2e
Sent: Thur 5/14/2020 8:54:18 AM
Subject: RE: SARS CoV-2 NT
Received: Thur 5/14/2020 8:54:18 AM
[nCoV19 - MNT + cells ENG 2.0.docx](#)

Dear [redacted] 5.1.2e

I send you the protocol of our VNT which is in our hands as sensitive as the PRNT. We use the standard protocol with 100 TCID₅₀ and reading under a microscope for CPE without the use of an mAb. We read the plates at day 3 and the virus neutralization titer was defined as the reciprocal of the sample dilution that showed a 50% or 90% protection of virus growth. An important factor for growing respiratory viruses is that the incubation is at 35°C instead of 37°C. Hopefully our protocol will help to solve the problems. If there are any questions please don't hesitate to ask for help.

Best regards,

[redacted] 5.1.2e

From: [redacted] 5.1.2e <[redacted] 5.1.2e @mf.uni-lj.si>
Sent: donderdag 14 mei 2020 08:58
To: [redacted] 5.1.2e <[redacted] 5.1.2e @rivm.nl>
Cc: [redacted] 5.1.2e <[redacted] 5.1.2e @mf.uni-lj.si>; [redacted] 5.1.2e <[redacted] 5.1.2e @mf.uni-lj.si>; [redacted] 5.1.2e <[redacted] 5.1.2e @mf.uni-lj.si>; [redacted] 5.1.2e <[redacted] 5.1.2e @rivm.nl>
Subject: RE: SARS CoV-2 NT

Dear [redacted] 5.1.2e

I contact you because we might have some problems with our NT protocol for SARS CoV2. Our protocol works well with low virus dilutions (10³ PFU/ml) but not with conventional virus concentrations as 100 PFU/ml (we do not see CPE). Since, do not have a lot of experience with NT and respiratory viruses, it would be great if you could share some experience. Could you maybe share your NT protocol for SARS CoV-2 with us?

Unfortunately, we don't have mAb for SARS so we didn't try PRNT, we just stacked with good old TCID₅₀ and plaques.

Thank you very much for your help!

Best regards, [redacted] 5.1.2e

From: [redacted] 5.1.2e <[redacted] 5.1.2e @mf.uni-lj.si>
Sent: Friday, May 8, 2020 3:52 PM
To: [redacted] 5.1.2e <[redacted] 5.1.2e @mf.uni-lj.si>
Subject: FW: SARS CoV-2 NT

From: [redacted] 5.1.2e <[redacted] 5.1.2e @rivm.nl>
Sent: Friday, May 8, 2020 1:46 PM
To: [redacted] 5.1.2e <[redacted] 5.1.2e @mf.uni-lj.si>
Cc: [redacted] 5.1.2e <[redacted] 5.1.2e @rivm.nl>
Subject: SARS CoV-2 NT

Hi,

buiten verzoek

Please contact [REDACTED] (in cc).

In our hands VNT is just as sens as PRNT but much less work. That's why we think about abandoning PRNT. For us it would be interesting to get some insight in your PRNT protocol?

Cheers [REDACTED]

From: [REDACTED] <[REDACTED]@mf.uni-lj.si>
Sent: vrijdag 8 mei 2020 13:23
To: [REDACTED] <[REDACTED]@rivm.nl>
Subject: SARS CoV-2 NT
Importance: High

Dear [REDACTED]

Hope you are surviving this crazy time and that you are doing well!?!

We were able to obtain some virus isolates (6) that are growing well, the plaque assays as well as TCIDs were working well.

We might have some problems with optimal NT test.

Are you willing to share your NT protocol for corona (SARS CoV-2) with us?

[REDACTED] [REDACTED]@mf.uni-lj.si my post doc is working on that.

If you have any person that [REDACTED] can contact directly, not to bother you with this issues.

Many thanks in advance.

Yours,

[REDACTED]

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