

To: (10)(2e) <(10)(2e)@rivm.nl>
Cc: (10)(2e) <(10)(2e)@rivm.nl>; (10)(2e) <(10)(2e)@rivm.nl>; (10)(2e) <(10)(2e)@unige.ch>; (10)(2e) <(10)(2e)@unige.ch>
From: (10)(2e) <(10)(2e)@unige.ch>
Sent: Mon 9/14/2020 7:51:29 AM
Subject: RE: Preliminary data Multiplex Serology
Received: Mon 9/14/2020 7:52:53 AM

Dear (10)(2e)

Cool thanks for the quick and amazing work. As Ref1 and Ref2 serum are the same, you seem to have a really good repeatability.

I will explain the coding briefly on one example. However, for the first patients included it's not really consistent as there were some changes during the early phase of the trial. But no worries, we can all decode it.

23-1V1+: "23" is the cluster number, "1" is the patient number (if it is 1 it's the index patient, 2 and higher numbers are contacts), V1 is the visit number and + if the patient or contact turned positive.

I would suggest that I will have a look at the data first and generate some graphs quickly so we have a better overview. From a very quick look I have seen that for some HKU1-triS antibodies rise early. Could be interesting. Should we have a zoom call then on Thursday or Friday?

Best wishes

(10)(2e)

From: (10)(2e) <(10)(2e)@rivm.nl>
Sent: Friday, September 11, 2020 5:03 PM
To: (10)(2e) <(10)(2e)@unige.ch>
Cc: (10)(2e) <(10)(2e)@rivm.nl>; (10)(2e) <(10)(2e)@rivm.nl>; (10)(2e) <(10)(2e)@rivm.nl>; (10)(2e) <(10)(2e)@rivm.nl>
Subject: Preliminary data Multiplex Serology

Dear (10)(2e)

We are happy to share the (raw) data with you for the multiplex serology assay. Thanks to (10)(2e) for the hard work.

We still need to further analyze the data but we need some help with the coding. Could you maybe explain the coding of the samples with us?

Some general remarks:

- All sera have been tested against a broad panel of antigens including pandemic as well as seasonal CoVs
- For most CoVs both S1 only as well as the full trimer are included
- This allows to compare overall response (including the more conserved S2) to the more strains specific S1
- The trimer of OC43 is not working well. We are working together with our collaborators at the Amsterdam UMC (AMC) to see if we can improve expression and antigenicity of OC43 trimer
- Mid-point titers are provided.
- 10 means <10 (lower detection limit)
- 20480 is the upper detection limit

Maybe it's a good idea to have a quick call next week to catch up and discuss the data and future plans. Looking forward to talk.

Have a great weekend

(10)(2e)

From: (10)(2e) <(10)(2e)@unige.ch>
Sent: maandag 24 augustus 2020 12:41
To: (10)(2e) <(10)(2e)@rivm.nl>

Cc: (10)(2e) <(10)(2e)@rivm.nl>; (10)(2e) <(10)(2e)@rivm.nl>
Subject: RE: PICKUP-HWB:410074368 Jul 22 2020 1430 Ref:QUOTE 2007030

Dear (10)(2e)

Thanks great, let me know as soon as you have more info.

Best wishes

(10)(2e)

From: (10)(2e) <(10)(2e)@rivm.nl>
Sent: Monday, August 24, 2020 12:31 PM
To: (10)(2e) <(10)(2e)@unige.ch>
Cc: (10)(2e) <(10)(2e)@rivm.nl>; (10)(2e) <(10)(2e)@rivm.nl>
Subject: RE: PICKUP-HWB:410074368 Jul 22 2020 1430 Ref:QUOTE 2007030

Dear (10)(2e)

Hope you had a good summer break as well and that you were able to relax a bit in these hectic times.

Before my summer break we were able to analyze some pilot sera for reactivity to the human seasonal corona on the array. That looks very good! One of the seasonal subtypes gives very low reactivity, and we will look into that as it likely has to do with lower expression levels of the spike protein in our expression system and therefore probably slightly less efficient spotting on the array.

However, in general the pilot data looks good!

As of today we are all back in the lab and will discuss the planning of running all your samples.

I should be able to give you an update on the progress and planning later in the week.

Will come back to you soon.

Best

(10)(2e)

From: (10)(2e) <(10)(2e)@unige.ch>
Sent: zondag 23 augustus 2020 22:01
To: (10)(2e) <(10)(2e)@rivm.nl>
Cc: (10)(2e) <(10)(2e)@rivm.nl>; (10)(2e) <(10)(2e)@rivm.nl>
Subject: RE: PICKUP-HWB:410074368 Jul 22 2020 1430 Ref:QUOTE 2007030

Dear (10)(2e)

I hope you had a nice summer holiday (or still have?). I'm back at work now and available for any question you may have.

Just wanted to ask what the status of the cross-reactivity analysis is. Could you give me an approximate time point when we could expect some first results? Thanks a lot, we just need it for our further planning.

Thanks for you help and best wishes

(10)(2e)

From: (10)(2e) <(10)(2e)@rivm.nl>
Sent: Thursday, July 23, 2020 12:17 PM
To: (10)(2e) <(10)(2e)@unige.ch>
Cc: (10)(2e) <(10)(2e)@rivm.nl>
Subject: RE: PICKUP-HWB:410074368 Jul 22 2020 1430 Ref:QUOTE 2007030

Hi (10)(2e)

The package arrived in good condition!

Best

(10)(2e)

From: (10)(2e) <(10)(2e)@unige.ch>

Sent: woensdag 22 juli 2020 14:32

To: (10)(2e) <(10)(2e)@rivm.nl>

Subject: FW: PICKUP-HWB:410074368 Jul 22 2020 1430 Ref:QUOTE 2007030

Dear (10)(2e)

Shipment is on the way. Let me know once it arrives.

Best wishes

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