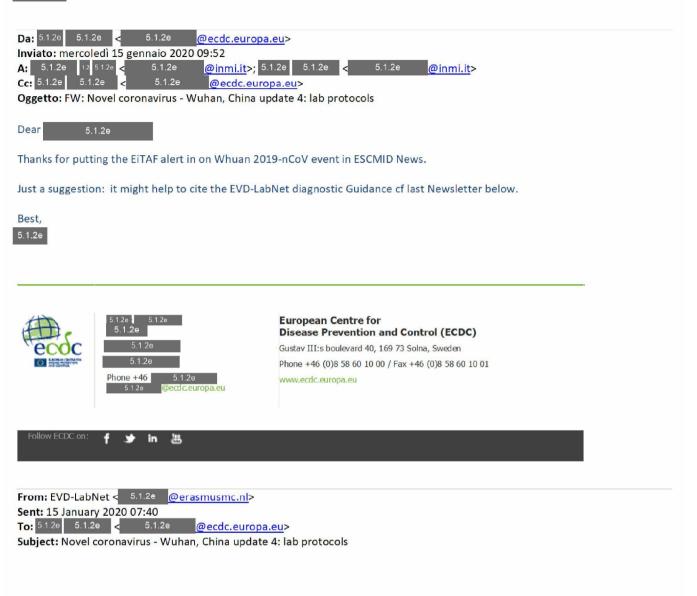
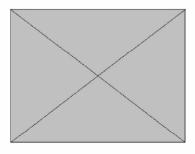


Best regards,







## Novel coronavirus Wuhan-China, update 4: lab protocol, imported case Thailand

Dear EVD-LabNet members,

## Case imported to Thailand.

The Wuhan coronavirus has been confirmed in a person in Thailand that was a traveler from Wuhan. The case was identified using NGS techniques on January 8. The last WHO statement on the case can be found <u>here</u>. It appeapred that the woman had not visited the specific Wuhan seafood market that has been implied in the outbreak sofar, but did visit another fresh market in Wuhan. Sixteen people who sat near the woman on the same flight were traced and examined, and all results were negative. Thailand has been screening passengers

arriving from Wuhan at four airports since Jan 3. So far, 12 passengers have been quarantined, with 8 treated and discharged from the hospital <u>(source)</u>

## Change of advise: specific laboratory tests.

Now that sequences of the Wuhan virus are in the public domain, it has become clear from in silico analysis performed at Charite-Berlin and ErasmusMC-Rotterdam that dedicated Wuhan-coronavirus tests are preferred above pan-coronavirus tests. Furthermore, testing with pan-coronavirus tests will delay test results as sequencing will be necessary to exclude infection with one of the common CoVs.

Therefore, at this point laboratories are advised to implement molecular tests specific for Wuhan coronavirus.

Charite University Berlin (5.1.2e 5.1.2e 5.1.2e 5.1.2e) has developed specific tests to detect the Wuhan coronavirus. The specifics of these tests have been published by WHO. Please find the protocol and related information <u>here.</u> Extensive

validation for specificity and robustness of use is currently being planned with a couple of laboratories. These results will be shared when available. Primers/probes can be ordered at your regular supplier. Synthetic positive control can be obtained via EVAg catalog. As soon as the link to the catalog entry is available I'll share this with you. SARS-RNA can also be used as positive control. Please contact Charite (see below contact information) if any questions remain with respect to the PCR tests.

It is expected that Chinese laboratories involved in the outbreak and CDC-Atlanta will publish Wuhan virus specific tests in the near future as well.

In case of need of laboratory support (primary and/or confirmatory testing) you can contact the CoV specialist laboratories below:

-Charité –	5.1.2e	Berlin Institu	ute of Virolo	gy, Germa	any.		
Contact: 5.1.2e	5.1.2e ( 5	.1.2e @c	narite.de);	5.1.2e	5.1.2e		
( 5.1.2e	@charite.de)	; tel. +49	5.1.2e				
-Erasmus MC,	the Netherland	S.					
Contact: 5.1.2	e 5.1.2e	5.1.2e	@erasmus	mc.nl); 5.	1.2e	5.1.2e	
( 5.1.2e <u>(</u>	<u>⊉erasmusmc.nl</u>	.; tel. +31	5.1.2e				
Updates will	follow when in	dicated,					

best wishes 5.1.2e



## 856744

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