

**To:** [5.1.2e] [5.1.2e] @rivm.nl]; [5.1.2e] [5.1.2e] @medschl.cam.ac.uk]; [5.1.2e]  
 [5.1.2e] [5.1.2e] @rivm.nl]; [5.1.2e] [5.1.2e] @medschl.cam.ac.uk]  
**Cc:** [5.1.2e] [5.1.2e] @medschl.cam.ac.uk]  
**From:** [5.1.2e]  
**Sent:** Fri 4/24/2020 8:14:07 AM  
**Subject:** RE: Important and time-sensitive: request for advice from Cambridge University: Pienter-3  
**Received:** Fri 4/24/2020 8:15:19 AM

Dear [5.1.2e]

Many thanks for your quick and extremely helpful reply, most appreciated.

Best regards,

[5.1.2e]

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**From:** [5.1.2e] <[5.1.2e]@rivm.nl>  
**Sent:** 23 April 2020 20:34  
**To:** [5.1.2e] <[5.1.2e]@medschl.cam.ac.uk>; [5.1.2e] [5.1.2e] <[5.1.2e]@medschl.cam.ac.uk>; [5.1.2e]  
 <[5.1.2e]@rivm.nl>; [5.1.2e] <[5.1.2e]@medschl.cam.ac.uk>  
**Cc:** [5.1.2e] <[5.1.2e]@medschl.cam.ac.uk>  
**Subject:** RE: Important and time-sensitive: request for advice from Cambridge University: Pienter-3

Dear [5.1.2e]

You can find my answers below in red. If things are unclear, don't hesitate to email or call me.

Kind regards,

[5.1.2e]

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**From:** [5.1.2e] <[5.1.2e]@medschl.cam.ac.uk>  
**Sent:** donderdag 23 april 2020 16:22  
**To:** [5.1.2e] <[5.1.2e]@rivm.nl>; [5.1.2e] [5.1.2e] <[5.1.2e]@medschl.cam.ac.uk>; [5.1.2e]  
 <[5.1.2e]@rivm.nl>; [5.1.2e] <[5.1.2e]@medschl.cam.ac.uk>  
**Cc:** [5.1.2e] <[5.1.2e]@medschl.cam.ac.uk>  
**Subject:** RE: Important and time-sensitive: request for advice from Cambridge University: Pienter-3

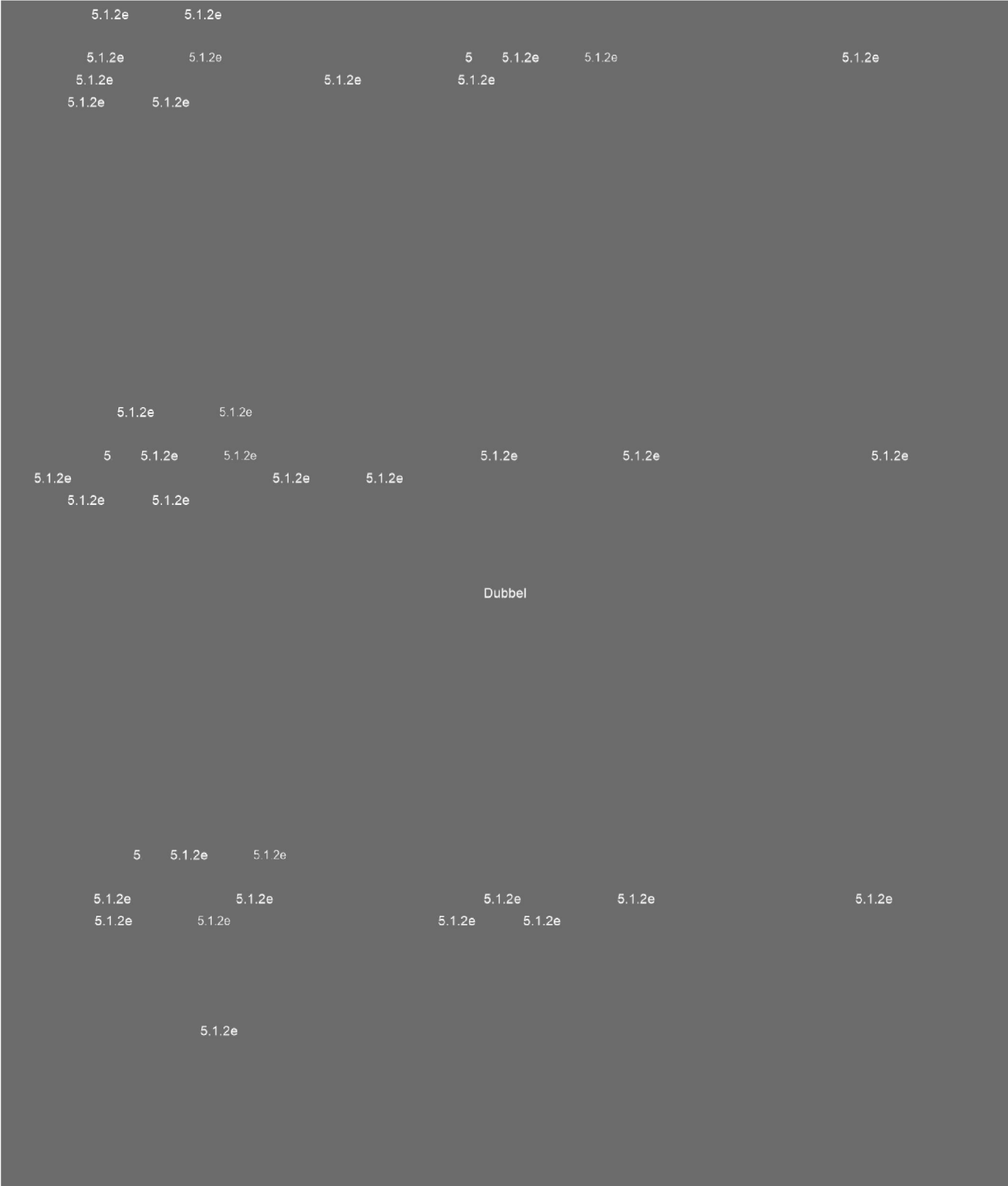
Dear [5.1.2e]

Thanks again for sending this information over. It would be really useful if you are able to provide details around the following questions. If it is easier to discuss this, we'd be very happy to have a call with whenever is convenient for you.

- Is the maximum volume of blood that you can collect with these kits 300ul? **Yes, the tubes we use can hold a maximum of about 300ul, but I do believe Sarstedt also sells tubes that can hold 500ul.**
- How many samples that you have collected so far have contained 300ul whole blood? **We don't keep track of the exact amount of whole blood we receive, but I think most tubes are filled with halve the volume.**
- What is the average volume of whole blood you receive? **As mentioned under bullet point two, I think 150ul of whole blood**
- How many samples you receive do not contain sufficient volume to make fractionation viable? **From the 3100 samples we received, 282 samples had <50ul of serum and 30 were empty**
- Are you receiving the samples in your lab and fractionating them? **Yes we do. Sarstedt recommends spinning the tubes 5 minutes at 10.000g. We spin them for 10 minutes at 1500 rpm (we have a multifuge X3-FR from Heraeus) and 4 degrees and transfer the serum to micronic blocks. I believe in the UK you have a similar system, FluidX tubes.**
  - If so, would you be happy to share the SOP for this process (e.g. including equipment, timings, etc.)?
- What volume of plasma are you obtaining from the samples? **The tubes we use contain clotting activator. We obtain between 100 and 200ul of serum from the samples. In about 10% of the samples we obtain less, as mentioned under bullet point 4**

Best regards,

5.1.2e



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Dubbel