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## Wet lab diagnostics PathoSense

2024

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### ALIUOTING IC+HMB (host samples is NOT cat or dog)

**! The internal control (IC) contains viral particles, so repeated freeze thawing should be avoided, the IC should be kept on ice as much as possible when thawed**

*The 15 ml tube contains IC for about 300 aliquots of 46,5  $\mu$ L*

- Aliquot the IC in 1,5 mL tubes. Label these tube in advance to speed up the process.
- Do the aliquoting in a laminar flow to prevent contamination of the IC.
- Thaw the 15 ml tube of IC on ice, once thawed aliquot the IC in 1,5 ml tubes (46,5  $\mu$ l).
- I use a repetitive pipet (eg <https://be.gilson.com/distriman-repetitive-pipette.html>) to speed up the process
- Aliquot the whole tube at once, do not put it back in the freezer once thawed.
- Keep the tube on ice as much as possible during aliquoting.
- Put the aliquots in the -70/-80°C freezer as soon as possible, I prepare some racks with open tubes, aliquot them, put the rest of the 15 ml tube back on ice, and put the aliquots in the freezer, repeat until the whole tube is aliquoted.