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Sampleholder preparation

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Protocol status: In development

We are still developing and optimizing this protocol



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Troubleshooting

- 1 The sampleholder contains 9 wells that are preloaded with an RT-qPCR Mastermix as follows:
- 2 Wells 1 to 3 contain probes and primers for the N1 target, wells 2 to 6 contain probes and primers for the N2 target, wells 7 to 9 contain probes and primers for the Human RP target. Wells 7,8,9 contain the respective positive control plasmid
- 3 The mastermix preloaded contains the following:

🧪 2.5 μ L Geneon RT-PCR Mastermix (2x) ,r [M] 500 micromolar (μ M) of each Primer

, [M] 125 micromolar (μ M) TaqMan Probe , [M] 0.05 μ g/ μ L BSA ,

[M] 1 millimolar (mM) MgSO₄ filled up to 🧪 5 μ L with RNase free water per well
- 4 The sample holders with the mix are lyophilized with the following procedure: Freezing in

🌡️ -80 °C

 for

🕒 02:00:00

 , transfer into precooled lyophilizer at

🌡️ -55 °C

 for

🕒 03:00:00 at least

 followed by transfer into a dissicator for heating up under vacuum.
- 5 Sample holders are vacuum packaged for further use.