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Sampleholder preparation

philippe.bechtold¹¹ETHZ - ETH Zurich

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philippe.bechtold

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- 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 µl Geneon RT-PCR Mastermix (2x)**, **500 Micromolar (µM) of each Primer**, **125 Micromolar (µM) TaqMan Probe**, **0.05 µg/µl BSA**,

[M] **1 Milimolar (mM) MgSO₄** filled up to **5 µl** 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.