

09. (September) 2019

Project: iGEM_Munich2019 Shared Project

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THURSDAY, 19/9/2019

- 2% Agarose gel of yesterday's qPCR (18.09.19)
- RNA isolation of Anjas 24h exosome conditions with Exosomal RNA and protein isolation kit and RT
- PEG precipitation of HEK exosome plate; and cells: resuspend the cells in remaining medium, spin down, take out medium, wash with 500 µl PBS, spin down for 5 min at 13.000 rpm;
- wash three times and resuspend in the end in 100 µl PBS, lyse Cells in CLB buffer (volume 1:1) heat up for 10 min at 60°C;
- add 10 µl DNaseI and 20 µl DNaseI buffer and incubate for 1h at 37°C;
- add 500 µl TRIzol and store in 4°C overnight
- exosomes: 1.5 ml supernatant after centrifugation, splitted in 2x750µl + 375µl PEG
- Received Anjas 48h samples but no treatment done with it (stored in 4°C overnight)
- DpnI digest of cDNA samples (received: 12.09.)
- 5 µl of the sample is mixed with 1 µl DpnI