

08. (August) 2019

Project: iGEM_Munich2019 Shared Project

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THURSDAY, 15/8/2019

Received cells from exosome-team

- spin down cells, discard supernatant and wash with PBS (2x)
- lyse cells with 1 % triton and 60 °C for 10 min
- DNase treatment 10 µl for 1 h
- Isolate RNA with TRIzol
- Perform nanodrop measurment and 1 % agarose gel with cell samples

received exosomes from exosome team

- split into two samples, one for the exosome isolation kit, the other without the kit
- Kit: add half of the smaple volume of the ragen to the exosomes and incubate overnight
- noKit: directly proceed with DNase treatment and lyse the exosomes 15 µl DNase + 100 µl bufer
- lyse exosomes with 1 5 triton and 60 °C for 10 min
- Isolate RNA with Trizol