08. (August) 2019

Project: iGEM_Munich2019 Shared Project
Authors: Theresa Keil

FRIDAY, 23/8/2019

qPCR VLPs and Exosomes spiking

- fluc standard 1: 17.3 ng/µl diluted 1:10,000
- dilution series: 10 µl fluc1 + 90 µl ddH2O = fluc2 and so on till fluc6

XPA standard XPA1: Aliquot

- XPA 2: 10 µl XPA1 + 90 µl ddH2O and so on till XPA6

RNA isolation VLPs

- samples V2-V6 for supernatan normal, supernatant spiked and cells
- 800 µl TRIzol used
- at 75% Ethanol step white pellet (RNA)
- frozen at -20 °C

WB

- new samples His-Purification 1=lamp2b + 3=His-Loop
- continued with WB optimisation primary AB 1:10,000, secondary 1:20,000
- no difference could be observed
- tried blot only with secondary antibody = shows unspecific binding
- incubated in TBST over weekend at 4 °C