08. (August) 2019

Project: iGEM_Munich2019 Shared Project
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FRIDAY, 9/8/2019

exosome precipitation: continued with protocol form invitrogen form step 4
Prepared samples for SDS-PAGE and WB for monday
mixed 25 µl of 1a, 2a, 3a, 4a, 5aa, with 25 µl laemmli (2x), incubated 15 min at 95 °C
DNase treatment: 10 µl DNase I + 1/10 volume buffer, 1 h , 37 °C, 200 rpm
Pooled the triplicates and made duplicated of 170 µl
Lysis added 1 volume 170 µl 1% triton in 1x PBS
Spiking of E1a-5a with 1 µl XPA (5 ng/µl)
RNA-Extraction with Trizol like protocol used 400 µl of Trizol

Table5

	A	B	C	D
1	sample	concentration ng/µl	260/280	260/230
2	E1a	102.8	1.56	0.34
3	E2a	371.1	1.74	0.66
4	E3a	433.7	1.93	0.81
5	E4a	724.8	1.47	0.37
6	E5a	450.2	1.87	0.83
7	E1b	253.4	1.68	0.47
8	E2b	351.3	1.80	0.63
9	E3b	459.0	1.94	0.92
10	E4b	440.0	1.83	0.81
11	E5b	228.4	1.56	0.48

1 % agarose gel was performed with B16 and B17 from 08.08 qPCR
the bands of fluc were cut off and gel digest was performed