10. (October) 2019

Project: iGEM_Munich2019 Shared Project

Authors: Johanna Wallner

MONDAY, 7/10/2019

<u>Johanna</u>

Cell Culture: Transfection

• finished at 09:30

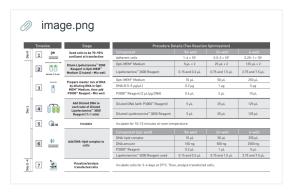
• medium exchange: 1.5 mL out, 2 mL new medium in

• mi6-medium: add beta-mercaptoethanol (1:700)

• 6-well plate

Transfectionmix 6-well plate 07/10							
	Α	В					
1	DNA per well	2500 ng					
2	P3000 Reagent per well	5 μL					
3	Lipofectamine 3000 reagent per well	3.75 µL					
4	OptiMEM per well	2 x 125 μL					

■ Transfect cells according to the following table. Use the indicated volume of DNA and P3000[™] Reagent with each of the two volumes of Lipofectamine[™] 3000 (when performing optimization). Each reaction mix volume is for one well and accounts for pipetting variations. Scale volumes proportionally for additional wells.



Transfection scheme

file://tmp/tmp8mNhk_.html

10. (October) 2019 · Benchling

Trans	Transfection scheme - Purification (HEK) 07/10/19 in ng per well										
	wells	V8	V14	V15	V41	E10	E11	E16	E17	E19	Е
1	3	1500 ng	-	1000 ng	-	-	-	-	-	-	-
2	3	-	-	1000 ng	1500 ng	-	-	-	-	-	-
3	1	-	-	1000 ng	-	1500 ng	-	-	-	-	-
4	1	-	1000 ng	-	-	-	1500 ng	-	-	-	-
5	1	-	-	1000 ng	-	-	-	1500 ng	-	-	-
6	1	-	1000 ng	-	-	-	-	-	1500 ng	-	-
7	1	-	-	1000 ng	-	-	-	-	-	1500 ng	-
8	1	-	1000 ng	-	-	-	-	-	-	-	1500 n

Trans	Transfection scheme - Purification (min6) 07/10/19 in ng per well										
	wells	V34	V14	V15	V11	E10	E11	E16	E17	E19	E20
1	3	1500 ng	-	1000 ng	-	-	-	-	-	-	-
2	3	1250 ng	625 ng	-	625 ng	-	-	-	-	-	-
3	1	-	-	1000 ng	-	1500 ng	-	-	-	-	-
4	1	-	1000 ng	-	-	-	1500 ng	-	-	-	-
5	1	-	-	1000 ng	-	-	-	1500 ng	-	-	-
6	1	-	1000 ng	-	-	-	-	-	1500 ng	-	-
7	1	-	-	1000 ng	-	-	-	-	-	1500 ng	-
8	1	-	1000 ng	-	-	-	-	-	-	-	1500 ng

<u>Alejandro</u>

Cell Culture: Transfection

• VLPs: 8 wells: L7Ae fusion + Fluc-C/DBox

• Exosomes: L7Ae + Fluc-C/DBox

• finished at 12:30

file:///tmp/tmp8mNhk_.html