

**26.08.2020**

See protocol for concentration of mar

C = 71.56  $\mu$ l

V = over 1 ml

Production of Ba

- 1 L 2YT each in 4 flasks
- 10 ml of culture
- 1 ml Amp, 100 ml CuSo<sub>4</sub>

OD

	dilution	OD measured	OD calculated
OD overnight	1:10	0,603	6,03
Start OD Kolben 1	-	0,093	0,093
Start OD Kolben 2	-	0,094	0,094
Start OD Kolben 3	-	0,091	0,091
Start OD Kolben 4	-	0,087	0,087

Grow the flask at 37 ° C to an OD of 0.5

**27.08.2020**

Harvest cells from Ba see protocol, and freeze at -20°C

OD:

17°C overnight	dilution	OD measured	OD calculated
flask 1	1:10	0,495	4,95
flas 2	1:10	0,366	3,66
flas 3	1:10	0,432	4,32
flask 4	1:10	0,423	4,23

- Post-induction sample (Ba 17 ° C overnight) taken from flask 1:
- Dilution scheme for gel: 278.43  $\mu$ l water; 92.81  $\mu$ l SDS sample buffer  
→ Pellet Ba: 13.49 g

Gels load from mar, 1st and 2nd column

- For charging scheme, overnight and 24.08.
- Gels run see protocol
- For staining gels see protocol

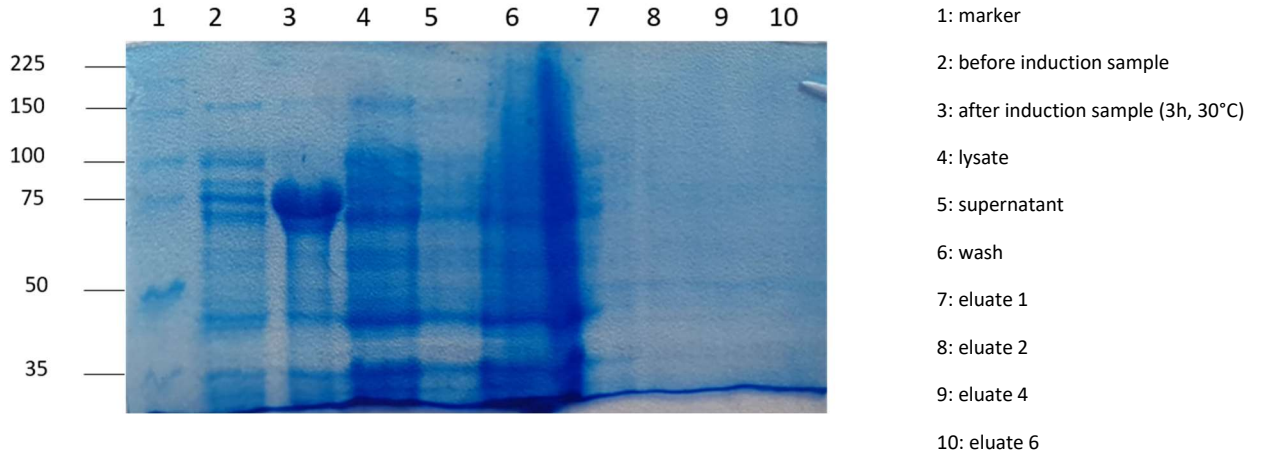
Western blotting in the 1st and 2nd column see protocol

- Incubate blocking solution at 4 ° C overnight

28.08.2020

Western blot detection of mar 1st and 2nd column see protocol

E. coli BL21 (DE3) mar pGEX-6P-1 with CuSO<sub>4</sub> medium: 2YT; 30 ° C; 3h, 1st column



E. coli BL21 (DE3) mar pGEX-6P-1 with CuSO<sub>4</sub> medium: 2YT; 30 ° C; 3h, 2nd column

