

27.06.22

### Zelllinie

**Zelllinie** COS-7

**ATCC** CRL-1651

**Passage** 13+4

**Spezies** Cercopithecus aethiops

**Organ** Kidney

**Morphologie** Fibroblast

### Preparation

- preheat 15ml growing Medium in the water bath to 37°C
- delute the 1ug/uL DNA with the 10x H2O volume to 0.1ug/uL

### Platelayout

Jan	Student 1	Student 2

### Transfection Protocol

	DMEM-	Fugene	EB3-GFP DNA [0.1ug/uL]
uL	400,0	1,8	6,0

### Prepare the complete transfection mix in an Eppi:

- first add the DMEM-
- then add the fugene and mix with the pipette (3x in and out) carefully
- incubate for 5min
- add the DNA and mix with the pipette (3x in and out)
- incubate for 25min at room temperature
- change the medium of the COS-7 cells to fresh medium

### Finally:

- add 200uL of each transfection mix dropwise on multiple positions to a well
- incubate