

# 06. (June) 2019

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**Project:** iGEM\_Munich2019 Shared Project

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RNA isolation from e1 and e3

using RNeasy Kit

e1 centrifuged 1 min at max 13,400 rpm, only used pellet lysis buffer directed to His elution

e3 added lysis buffer directly to His elution used double volume -> 700 µl of RLT buffer how advised, Eldh et. al. 2012

e1 pellet 6.2 ng/µl

e3 direct: 13.6 ng/µl

cDNA synthesis from ivT

usage of 5 µl transcript 1 ivT aliquot

see protocol thermo fisher

qPCR

10 min 95°C, then 40x 15s 90 °C , 1 min 60°C

pipetting took 3h

for primer 9: no E13-21

no F7-F156

no F16-F24