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siRNA-mediated knockdown of TFE3

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We use this protocol and it's working

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Abstract

This protocol details siRNA-mediated knockdown of TFE3.

Attachments



[746-1907.docx](#)

15KB

Materials

Reagents required

- RNAiMAX (Invitrogen)
- Opti-MEM (Invitrogen)



siRNA-mediated knockdown of TFE3

1h 30m

- 1 On the day before transfection, plate 100,000 cells per well in a 6 well dish.
- 2 Change media  01:00:00 before transfection ( 2 mL with no antibiotics). 
- 3 The next day, assemble the siRNA transfection reaction by combining  7.5 μ L of  20 micromolar (μ M) siRNA,  5 μ L RNAiMAX transfection reagent (Invitrogen), and  500 μ L Opti-MEM (Invitrogen) in a sterile 1.7ml tube. 
- 4 Incubate transfection mix at  Room temperature for  00:30:00 . 

- 5 After incubation, add the transfection mixture drop wise to the cells. 
- 6 Collect the lysates for immunoblotting 2 days post-transfection.