



COMMENTS 0

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Evaluating endocytic rate in cells.

DO

dx.doi.org/10.17504/protocols.io.8epv5jjedl1b/v1

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Marine Houdou

WORKS FOR ME 1

**ABSTRACT** 

Assess endocytic rate in cells using tagged transferrin (Alexa647) and flow cytometry readout.

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EXTERNAL LINK

https://www.thermofisher.com/order/catalog/product/T23366?gclid=CjwKCAjwzY2bBhB6EiwAPpUpZkuhTJcss8FLP963Hi9idgxNuMgwOubQVDObHI\_Ru5cHPlCunDbHdxoC24IQAvD\_BwE&ef\_id=CjwKCAjwzY2

PROTOCOL CITATION

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GUIDELINES

■ Make sure to treat the cells in medium without FBS.

MATERIALS TEXT

0.25% Trypsin-EDTA: Gibco, 25200056

Albumin Fraction V: Carl Roth, 8076.4

Alexa647-Transferrin: T23366, invitrogen

Dulbecco's Phosphate Buffered Saline modified without calcium chloride and magnesium chloride (DPBS (-/-)): Gibco, D8537

Endocytosis inhibitors

■ Dynasore: D7693, Sigma

■ Genistein: ab120112, Abcam

■ Pitstop 2: SML1169, Sigma

TrypLE Express Enzyme: Gibco, 12604021

Versene Solution: Gibco, 15040

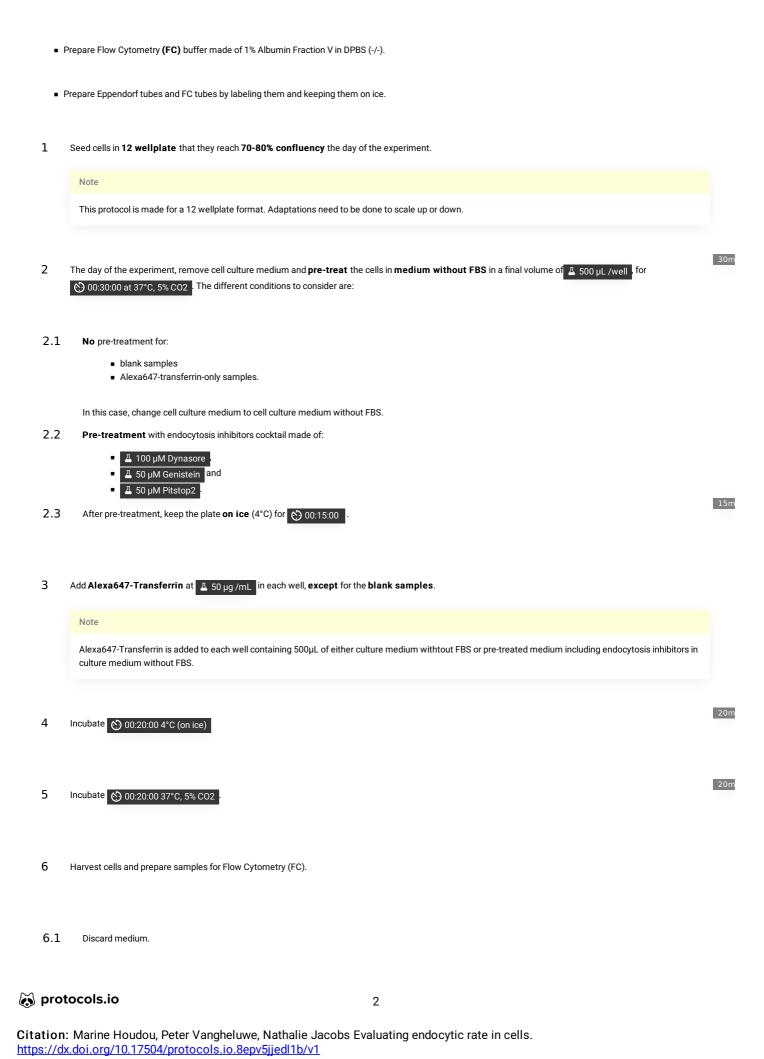
BEFORE STARTING

■ Prepare cell culture medium without FBS and keep it at 37°C.

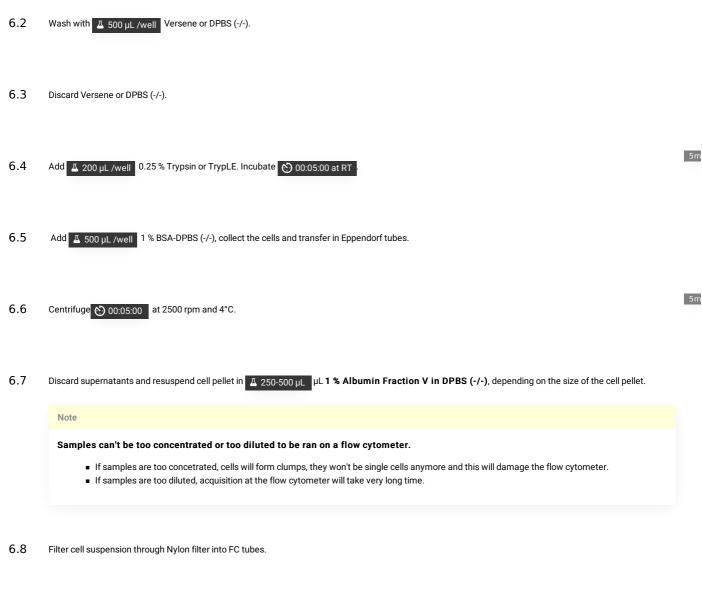


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7 Keep on ice until acquisition at the flow cytometer. Record 10,000 live events per sample.

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