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- 5H - Aptamer functionalization of A5386

(cnyo 0.1M?)



+ 5H-Aptamer

(after folding reduction)

Protocol:

A → 0.5 mg NPs (A5386) (dry peller).

B → - control. 0.5 mg NPs (A5378) → 100 µl of stock (100 @

Prep. aptamer before:

10 µl → 1 mmol

① Folding: heat 90 °C, 5 min, then at 15 min.
(10 µl aliq + 40 µl PBS + 1 mM MgCl₂)

② Reduction: To the 50 µl sol, add 50 µl of TCEP
(4 mM): → 0.48 mg/ml
42h, rt. (1500 rpm)

100 µl stock

→ Then, to dry peller: add the 50 µl of aptamer fold
and reduced. - overnight, rt very long peller →

Morning after:

DATE Wagles

SIGNATURE

contn: Tween 20 (1x)

DATE

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(had to increment
to 0.5 mg) final volume in each