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- Try QUANT → just calib. line for the moment

- Prep. Aptamer anti-Erk (1 μ M):
from 100 μ M aliquots.

200 μ l of 1 μ M: 2 μ l stock + 198 μ l H_2O
(nucleate free)

- Prep. Complementary seq. (1 μ M):
from aliquot 100 μ M:

200 μ l → 2 μ l stock + 198 μ l H_2O

- Prep. Hoechst 33258 sol (2 μ M):

Prep. first 200 μ M → MW: 533.9 g/mol weigh

→ 0.106 g in 1L → 0.106 mg/ml → 1.06 in 10

then prep 2 μ M from here. 1/100 dil:

16 μ mol (1 μ M sol)

100 μ l of 200 μ M stock
+ 9.9 ml water

- (A) 40 nM: 16 μ l apt + 16 μ l compl. seq (1 μ M) + 320 μ l HB + 16 μ l H_2O
- (B) 35 nM: 14 μ l apt + 16 μ l compl. seq (1 μ M) + 320 μ l HB + 18 μ l H_2O
- (C) 30 nM: 12 μ l apt + 16 μ l compl. seq (1 μ M) + 320 μ l HB + 20 μ l H_2O
- (D) 25 nM: 10 μ l apt + 16 μ l compl. seq (1 μ M) + 320 μ l HB + 22 μ l H_2O
- (E) 20 nM: 8 μ l apt + 16 μ l compl. seq (1 μ M) + 320 μ l HB + 24 μ l H_2O
- (F) 15 nM: 6 μ l apt + 16 μ l compl. seq (1 μ M) + 320 μ l HB + 26 μ l H_2O
- (G) 10 nM: 4 μ l apt + 16 μ l compl. seq (1 μ M) + 320 μ l HB + 28 μ l H_2O
- (H) 5 nM: 2 μ l apt + 16 μ l compl. seq (1 μ M) + 320 μ l HB + 30 μ l H_2O
- (I) 0 nM: 0 μ l apt + 16 μ l compl. seq (1 μ M) + 320 μ l HB + 32 μ l H_2O

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