

15Biosg/60-18[29]a, T7 - trigger - 27B sandwich 1/10/2017

pull down assay

$$\text{Thr} : 300 \mu\text{L} \cdot 100 \text{ nM} = x \cdot 500 \mu\text{L} \rightarrow x = 0,06 \mu\text{L}$$

$$15\text{Biosg}/60-18[29]a : 300 \mu\text{L} \cdot 2 \mu\text{M} = x \cdot 500 \mu\text{L} \rightarrow x = 1,2 \mu\text{L}$$

$$\text{T7 - trigger - 27B} : 1,2 \mu\text{L}$$

Labels : 1. Sandwich 2. No 15Biosg/60-18[29]a 3. No Thr
4. No T7 - trigger - 27B

Conclusion : Data inconclusive $\rightarrow$

Pull down aptamer - T7 - trigger threshold protocol 22/10/2017

$$\text{Thr} : 300 \mu\text{L} \cdot \frac{100}{50} \text{ nM} = x \cdot 300 \text{ nM} \rightarrow x = \frac{100}{50} \mu\text{L}$$

$$15\text{Biosg}/60-18[29]a : \frac{5}{50} \mu\text{L} \cdot 300 \mu\text{L} = x \cdot 500 \mu\text{L} \rightarrow x = 3 \mu\text{L}$$

$$\text{27B - trigger} : 2 \mu\text{L} \cdot 300 \mu\text{L} = x \cdot 50 \mu\text{L} \rightarrow x = 12 \mu\text{L}$$

$$\text{B&W buffer} : 10 \text{ mL Tris-HCl} : 83,824 \text{ mg}$$

$$10 \text{ mL EDTA} : 11,836 \text{ mg}$$

$$2 \text{ L NaCl} : 4,78364 \text{ g}$$

$$40,5 \mu\text{L} \text{ of Milli-Q water}$$

Labels : 1. Test 2. No 15Biosg/60-18[29]a
3. No Thr 4. No 27B - trigger 5. Beads

Trigger solution

Wells : N 20 — 24 All wells in order
O
P

Conclusion : Data inconclusive Maybe wash not good enough
 $\rightarrow$ Seems unlikely, Controls trigger colorimetric reaction