

7/24/08

RT RXNS. V. TUB 21°C, 12°C
BIGAS HOMO / V. TUB FROM 7/22/08

RNA - 5
 5x Buff - 4 x 7.5 = 30
 dNTPs - 8 x 7.5 = 60
 OLIGO dT - 1 x 7.5 = 7.5
 AMV - 1 x 7.5 = 7.5
 H₂O - 1 x 7.5 = 7.5
 20 Add 15 µl to
 EACH TUBE

V. TUB 12°C = 0.235 µg/ml x 2.55 = 600 ng
 21°C = 1.37 µg/ml x 0.44 = 600 ng
 18°C = 0.12 µg/ml x 5 = 600 ng
 MB HOMO N.S. = 0.802 µg/ml x 0.75 = 600 ng
 MB HOMO SEEN = 1.03 µg/ml x 0.58 = 600 ng
 MB SW SEEN = 0.301 µg/ml x 2 = 600 ng

7/25/08

RT RXNS. STEVEN BROOK TROUT MUSCLE CELL CULTURES EXP. 3

RNA - 6
 5x Buff - 4 x 14 = 64
 dNTPs - 8 x 14 = 128
 OLIGO dT - 1 x 14 = 14
 AMV - 1 x 14 = 14
 20 Add 14 µl to
 EACH TUBE

1 - 179.7 x 4.9	8 - 200.3 x 4.4
2 - 146.5 x 6 = 879	9 - 253.1 x 3.47
3 - 196.5 x 4.5	10 - 272.8 x 3.22
4 - 303.8 x 2.9	11 - 657.3 x 1.33
5 - 327.5 x 2.7	12 - 592.8 x 1.48
6 - 341.45 x 2.6	13 - 834.1 x 1.05
7 - 555.7 x 1.58	14 - 464.7 x 1.89
	15 - 983.7 x 0.89

gPCR

cDNA - 1
 2x SYBR - 12.5 x 17.517 = 212.5
 P_F - 0.1 x 17 = 1.7
 P_R - 0.1 x 17 = 1.7
 H₂O - 11.3 x 17 = 192.1
 25 µl