

RNA EXTRACTION SOLUTIONS

Haleh Mahdavieh

- 1. 0.75 M SODIUM CITRATE PH 7**
 - a) 50ml Falcon Tube
 - b) 11.03 g Sodium Citrate (Dihydrate, 294.1 MW)
 - c) QS to 50ml with DEPC treated H₂O
 - d) pH to 7

- 2. 10% SARCOSYL**
 - a) 50ml Falcon tube
 - b) 5g Sarcosyl
 - c) QS to 50ml with DEPC treated H₂O

- 3. GUANIDINIUM STOCH (500ML)- GOOD FOR 3 MONTHS ON SHELF.**
 - a) 250g Guanidinium Thiocyanate
 - b) 293 ml DEPC treated H₂O
 - c) 17.6 ml 0.75M Sodium Citrate pH 7
 - d) 26.4 ml 10% Sarcosyl

- 4. SOLUTION D - GOOD FOR 1 MONTH ON SHELF.**
 - a) 50ml Falcon Tube
 - b) 360 μ l of BetaMercaptoEthanol
 - c) 50ml Guanidinium Stock

- 5. 2 M SODIUM ACETATE PH4**
 - a) 50ml Falcon Tube
 - b) 13.61g Sodium Acetate
 - c) QS to 45ml with DEPC treated H₂O
 - d) pH to 4 with about 5ml concentrated HCL

- 6. PHENOL - DEPC H2O SATURATED**

- 7. CHLOROFORM-ISOAMYL ALCOHOL MIX (50:1)**

- 8. 75% ETHANOL**

- 9. DEPC H2O**

- 10. 2-PROPANOL**