

Flow Chart

Procedure for Purifying Cytoplasmic and Nuclear RNA Molecules

Lyse cells using **Lysis Solution**
(monolayer, cell suspension, lifted cells or tissues)



Centrifuge to separate cell fractions

Supernatant
(**Cytoplasmic Fraction**)

Pellet
(**Nuclear Fraction**)

Add **Binding Solution**

Add **Binding Solution**

Add Ethanol

Add Ethanol



Bind RNA



Bind RNA

SPIN



SPIN



Wash RNA



Wash RNA

SPIN



SPIN



Elute RNA



Elute RNA

SPIN



SPIN



Cytoplasmic RNA

Nuclear RNA