**RNA AGAROSE GEL (for 50 mL)**

0.7g agarose  
38 mL DEPC water  
5 mL 10X MOPS  
heat to boiling and when you can pick it up add 8.9 mL formaldehyde.

*Sample prep:*  
14.5 uL of sample buffer (buffer: 5 uL 10X MOPS, 17.5 uL formaldehyde, 50 uL formamide)  
1 uL ethidium bromide  
take to 20 uL with RNA and water (4.5 uL maximum of RNA)