

Name: _____

Section: _____

Data and Calculations for Experiment 11

UNKNOWN CODE: _____

Solution	Distance Traveled by Amino Acid (cm)	Distance Traveled by Solvent (cm)	R_f value
Aspartic Acid			
Glycine			
Tyrosine			
Unknown			

Post-lab Questions

1. How might it be possible to quantitatively determine the composition of an amino acid mixture? You may need to research this question a bit!

2. If two amino acids have the same R_f values in 2-propanol, how might they be separated?

3. Identify the component(s) of your mixture, then draw the structure(s) of the amino acid(s) present. Refer to your Biochemistry notes from lecture for the structures of the various amino acids.