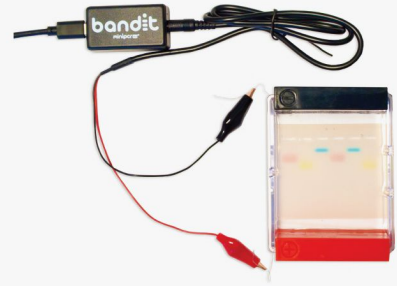


Bandit™

STEM Electrophoresis Kit
QP-1400-01

TROUBLESHOOTING



Problem	Possible reason(s)	Solution
Gel does not solidify.	Gel has not come to room temperature.	Wait longer. You may place the gel in the fridge to cool it down faster.
	Not enough agarose when preparing gel.	Prepare the gel with a minimum agarose concentration of 1%.
Too much gel under Electrodam™.	Electrodam™ were not positioned properly when the gel was poured.	Ensure that the bottom face of the Electrodam™ is in contact with the buffer chamber. Verify by looking at the Electrodam™ from the side.
Wells won't fit the entire sample.	Comb not positioned properly when the gel was poured.	Ensure that the comb is fully seated on the comb supports. The teeth should be close to the bottom of the buffer chamber.
	Not enough gel mixture.	The quantity of gel mixture should be no less than 30 ml. Avoid excessive evaporation during gel preparation.
Samples are not migrating.	No current flowing through the gel.	Check all connections, especially the ones holding the electrode wire to the alligator clips.
Molecules migrate the wrong way.	Electrodes are reversed.	Check that the Electrodam™ is connected to the alligator clip of the same color. Molecules will travel towards the electrode of opposite charge.
Residue accumulates near the red Electrodam™.	Positive electrode has corroded.	Replace electrode wire. Note: Always use distilled water when preparing the buffer.