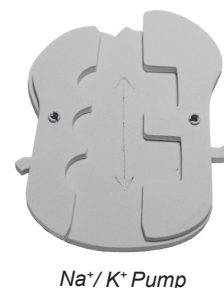
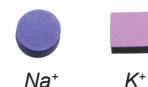
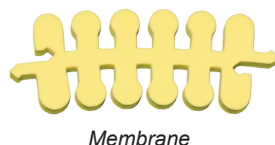
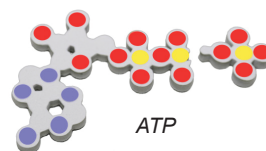


## Contents List

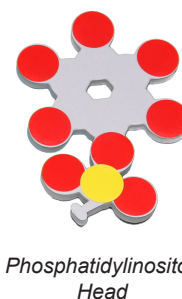
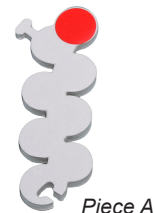
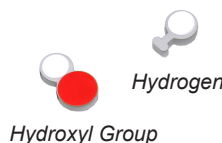
### 50 Mini Phospholipids

- 1 Bag of Talcum Powder
- 1 Sticker Sheet
- 9 Membranes
- 5 Glucose
- 1 ATP
- 30 H<sub>2</sub>O
- 30 Na<sup>+</sup>
- 30 K<sup>+</sup>
- 1 Aquaporin
- 1 Leaky K<sup>+</sup> Channel
- 1 Gated Na<sup>+</sup> Channel
- 1 GLUT1 Carrier Protein
- 1 Na<sup>+</sup>/K<sup>+</sup> Pump
- 6 Plastic Pegs



### Large Phospholipids

- 3 Saturated Fatty Acid Tails
- 2 Piece A Unsaturated Fatty Acid Tails
- 2 Piece B Unsaturated Fatty Acid Tails
- 9 Hydroxyl Groups
- 9 Hydrogens
- 1 Glycerol Backbone
- 1 Phosphatidylinositol Head
- 1 Phosphatidylcholine Head
- 1 Phosphatidylserine Head
- 1 Phosphatidylethanolamine Head



Teacher Notes, Student Handouts and supporting materials at  
[3dmoleculardesigns.com/Teacher-Resources/Phospholipid-Membrane-Transport-Kit.htm](http://3dmoleculardesigns.com/Teacher-Resources/Phospholipid-Membrane-Transport-Kit.htm)

#### ⚠ WARNING:

**CHOKING HAZARD** -- This product contains small parts and should be kept out of the reach of children under the age of 3, because the parts or their pieces may present a choking hazard to small children.

#### CAUTION:

This is a science education product, not a toy. It is not intended for children under 8 years old.