



eCore Georgia Introduction to Biology - Biol 1011k Lab Kit (Kit1191)

Below is the packing list for your lab kit. Please check your kit thoroughly to be sure all items have been included within the first 3 days of receiving your order. If you discover any problems, contact eScience Labs immediately.

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Item	Quantity	Present
General Kit Instructions Booklet	1	
Solution Mixing Instructions	1	
LABWARE		
10 ml Graduated Cylinder	1	
150 ml Beaker, plastic	6	
Glass Test Tubes, 20 x 150mm	6	
Pipettes, disposable	30	
Ruler	1	
Safety Bag (Apron, 5 pairs of gloves, glasses, 3 underpads)	1	
Stir Rod, glass	1	
Test Tube Rack	1	
Thermometer, large	1	
MODULES		
Unit 2 - The Chemistry of Life		
Wax Pencil	1	
Unit 3 - Osmosis/Diffusion		
Aluminum Foil Pieces	5 (30cm)	
Dialysis Tubing	75 cm	
Glucose Test Strips	15	
Unit 4 - Enzyme Cellular Respiration		
pH Test Strips	2	
Balloons	12	
Yeast Packet	1	
1/8 teaspoon	1	
Soluble Starch	1 tablespoon	
Glucose	1 tablespoon	
Unit 5 - Photosynthesis		
Thick Chromatography Filter Paper (6 x 18 cm)	2	
Unit 6 - Mitosis		
Pipe Cleaners (2 red, 2 yellow, 2 blue)	6	
Unit 7 - Meiosis		
Pipe Cleaners (4 yellow, 2 red, 2 blue)	8	
Beads (6 red, 6 blue)	12	

Unit 8 - Mendelian Genetics		
PTC Test Strip	2	
Unit 10 - Biomolecular Techniques		
Salt (NaCl)	3 grams	
4-ply Cheesecloth (15 x 15 cm)	1	
CHEMICALS		
Distilled Water	2 (230 mL)	
Unit 2		
*Albumin in 2 oz Bottle	0.1 g	
Benedict's Solution	30 mL	
Biuret Solution (H ₂ NC(O)NHC(O)NH)	12 mL	
*Glucose (C ₆ H ₁₂ O ₆) in 2 oz Bottle	0.2 g	
*Glucose (C ₆ H ₁₂ O ₆) in 2 oz Bottle	4 g	
Iodine Solution	10 mL	
*Soluble Starch (C ₆ H ₁₀ O ₅) in 2 oz Bottle	1 g	
*Sucrose (C ₁₂ H ₂₂ O ₁₁) in 15 cc Bottle	1 g	
Sudan IV Reagent (C ₂₄ H ₂₀ N ₄ O)	2 mL	
Unit 3		
6% Acetic Acid, Cleaning Vinegar (C ₂ H ₄ O ₂)	400 mL	
*Glucose (C ₆ H ₁₂ O ₆) in 8 oz Bottle	1 g	
Iodine Solution	10 mL	
*Soluble Starch (C ₆ H ₁₀ O ₅) in 8 oz Bottle	1 g	
*Sucrose (C ₁₂ H ₂₂ O ₁₁) in 8 oz Bottle	100 g	
Unit 4		
0.1M Hydrochloric Acid (HCl)	3 mL	
3% Hydrogen Peroxide (H ₂ O ₂)	40 mL	
Unit 5		
Chromatography Solvent (Acetone & Petroleum Ether)	10 mL	
Unit 10		
95% Ethanol (C ₂ H ₆ O)	20 mL	
Liquid Dishwashing Soap	15 mL	

*Please see solution mixing instructions for these materials