

**Materials List for:**

**Measuring Lactase Enzymatic Activity in the Teaching Lab**

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**Materials**

Name	Company	Catalog Number	Comments
Lactase tablet	Lamberts	8511-60	
Phosphate buffered saline (powdered)	Sigma	P3813	Dissolved in deionized water to a final concentration of 100 mM
ONPG	Sigma	N1127	Dissolved in deionized water to a final concentration of 5 mM
Sodium Carbonate	Sigma	451614	Dissolved in deionized water to a final concentration of 1 M
De-ionized water	NA	NA	
Pestle and mortar	VWR		
Spectrophotometer	Jenway 6315		
Pipettes	Gilson		
15 mL tubes	VWR		
1.5 mL tubes	Eppendorf		
Spectrophotometer cuvettes	Jenway		
Vortex	Vortex genie 2		
Centrifuge	Beckman		
Ice bucket	VWR		
Water bath	Thermo-Scientific		
Weighing scales	Thermo-Scientific		