

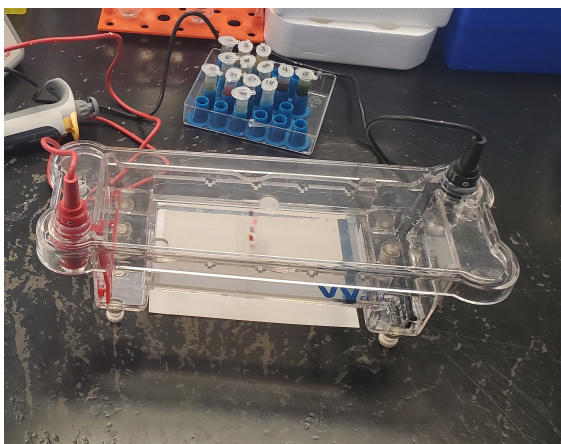
# Hello from Modern Biology!

## May.2021

Happy May from Modern Biology!

Modern

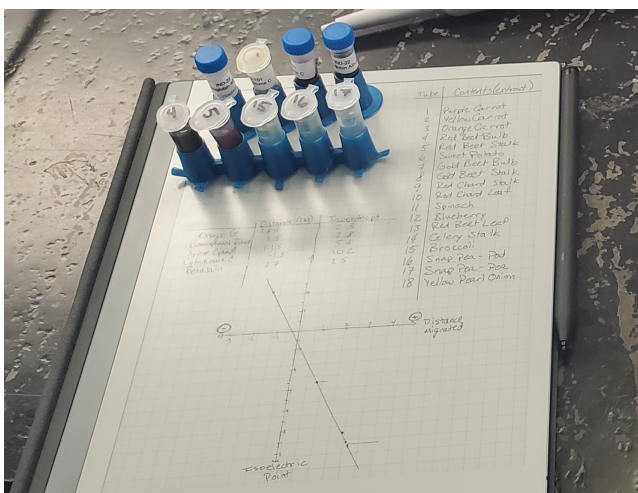
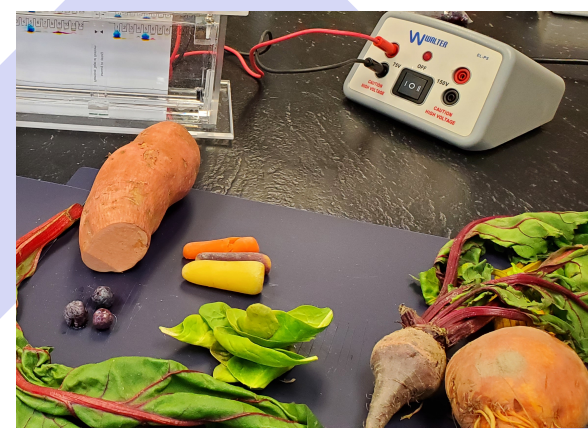
Bio



For over 35 years, Modern Biology has focused on low cost, quality, real experiments for your teaching laboratory. We have worked with great vendors to provide teaching labs with a variety of durable high-quality equipment. Our focus continues to be real reagents, real antibodies, and no simulations. We are very excited to bring you a new interactive experiment!

## Announcing our Plant Pigment/Peroxidase Analysis IND-32

In this lab, students choose a variety of vegetables, extract the peroxidase, and run a full electrophoresis gel against the standard proteins Hemoglobin-Albumin and Cytochrome C. The gel is then stained with a quick color development buffer. Students then finish by making a chart of isoelectric point vs. distance migrated. This whole experiment can be completed in less than 2 hours.



Our lab has had fun trying a variety of different fruits and vegetables, including bananas, strawberries, blueberries, avocado, spinach, green beans, peas, tomato, sweet potato, chard, yellow orange and purple carrots, yellow and red beets and many more. Many items like the pea, beets and chard have multiple sections that have been tested as well, giving a range of intriguing results. In addition to seeing the peroxidase, students can also hypothesize if color will too be visible within their gel.

**Modern Biology Inc**

2211 South St.

Lafayette, IN 47904

(765) 446-4220

ModernBio.com

Modern Biology is so excited about our new Plant Pigment/Peroxidase Analysis IND-32 that for the first 32 days this experiment will be just \$32.00 !!! Keeping your lab under budget!

For more information:  
Email us at  
**Office@ModernBio.com**  
-OR-  
Visit us at  
**www.ModernBio.com**

## Check Us Out!

Please check out our website, modernbio.com, to see what our new IND-32 is about or to request your copy of the instructions!

Modern

Bio