Guide to use in Biochemistry 276 at UMass Amherst

(~ 5 min)

Before completing this guide, review “Benchling Basics” or be familiar with Benchling
Biochemistry 276

- BMB Teaching has a Benchling account
  - You see a Project Folder for your class and section
- Each student has a project folder in their section titled with their name
  - Professors and TAs (“Admins”) have access to student folders for easy feedback and grading
- Each week has an entry with protocols and sections for students to enter data
Each weekly experiment has an entry

- Student data should be entered in the **Notes** section
  - Tables with cells to fill in, highlighted questions to be answered
- **Protocols** can be found in another tab in the entry
  - Some entries may have multiple protocols
Everything typed into Benchling is **AUTOMATICALLY SAVED**

- Admins (TAs) have access to every student’s folder for grading!
  - Feedback will be given in the Notes section where you filled in your data

**Example Entry:**

```
| Part 1. In a typical assay, there would be multiple components that need to be added to a tube. In this simulation all of the “solutions” will be water. However, use a clean tip for pipetting each solution to best mimic a typical enzyme reaction. |
```

<table>
<thead>
<tr>
<th>Table 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>%</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

**Other questions that need to be answered may be numbered, highlighted, or require fill-in-the-blank!**

**Collapse table**

**Download table data as CSV**

**Enter data in empty cells**
The Notes Section

- Images or files added to the Notes section can be opened in a separate tab

- The previewed file will appear in the top panel with any other tabs associated with the entry
The Protocol Section

- Introduction
- Materials
- Procedure

The purpose and summary of the lab experiment

Materials required for the experiment

Detailed experimental procedure
Questions or Comments?

Fill out our Google Form to provide feedback: forms.gle/92Q9vp6jYzSB8Z9j6

Benchling FAQ: docs.google.com/document/d/1DkSHnZ6FX8L4fORjmYm_omzotnJHzjTa587kfqtSiT0/edit?usp=sharing