



1 Auto-Prepare your Data

From BioRender home, click Create New → Graph → **Graphing**.

Drag and drop your CSV, Excel, or Prism file. You can import the full file or select specific sheets.

Upload a dataset to start exploring your data.
Supported formats: .csv, .xlsx, .xls, .prism, .pzfx up to 50MB

Blank spreadsheet

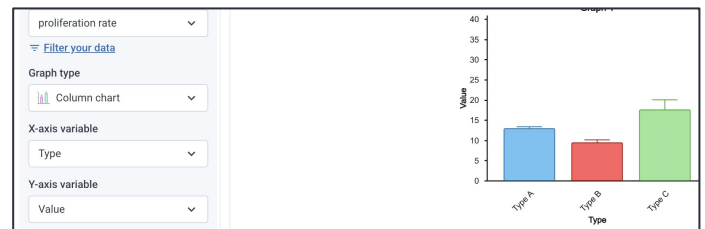
Upload dataset

No reformatting needed: Variables are auto-detected, including unlabeled columns. Rename variables directly if needed.

[→ Full guide: Entering your data](#)

2 Create a Graph

Click **Create new graph**. Choose your chart type and assign your axes and grouping variables. A live view updates as you make each change.



Filter your data: Easily filter your data by specific variables and values.

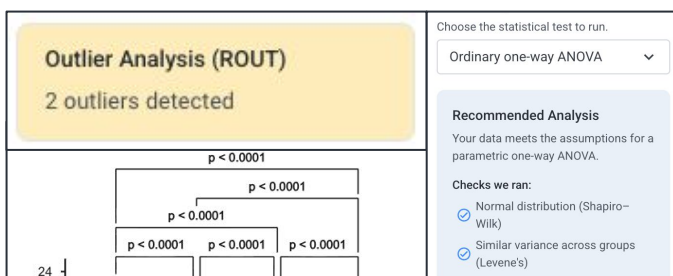
Filters applied: Day = 14

[→ Full guide: Customizing your graph](#)

3 Analyze your Data

Automatic outlier detection: Outliers are automatically flagged in yellow in your data. Remove outliers in one click by clicking Exclude Outliers.

Click **Run New Analysis** to get a recommended statistical test with plain-language reasoning.

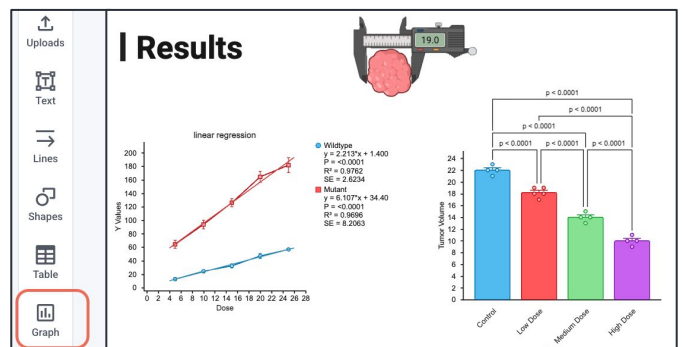


Display significance: Significant differences are marked on your graph. Edit your graph to toggle between different data indicators like p-values.

[→ Full guide: Performing an Analysis](#)

4 Present your Findings

In any BioRender Illustration, click **Graph** in the left toolbar to pull any graph directly into your figure, presentation, or poster. Click **Export** to download high resolution images of your graphs.



Customize your graph: Click on the graph to easily adjust display colors, labels, titles and more, and view updates in real time.

[→ Full guide: Presenting your Graphs](#)



Quick Start Guide: BioRender Graphing

Turn raw data into publication-quality graphs in minutes



[Sign In to BioRender](#)

Tips & Tricks

- ✓ [Explore different graphs & views](#): Build and customize multiple graphs from the same dataset without re-importing.
- ✓ [Collaborate with controlled access](#): Use the **Share** option to share your files directly from BioRender and control who can view or edit. Version history is always available if you need to roll back changes.
- ✓ [Bring over Prism files without starting over](#): Import your existing Prism files directly. Data, graphs, and analyses come in recreated in BioRender's style, so you're not rebuilding from scratch.
- ✓ [Use the Graphs tab to compare visuals](#): View all graphs associated with your dataset side-by-side in the **Graphs** tab.
- ✓ [Keep your figures consistent with Style Match](#): Once you've set colors and fonts, use **Style Match** to apply the same style across all graphs in one click.

Help & Resources

Create your
First Graph

Help Center

Live Webinars

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