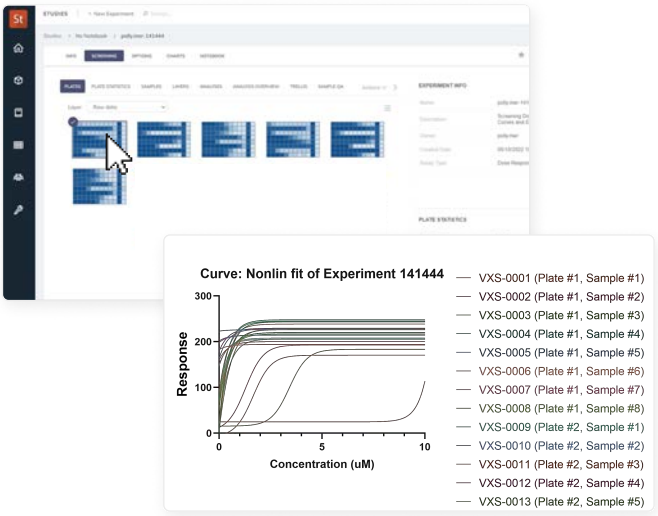
Prism by Dotmatics

Discover the Value of Integrating Prism with the Dotmatics Platform



Trusted by more than 750,000 of the world's leading scientists, Prism is one of Dotmatics' most popular scientific tools.

The Prism integration with the Dotmatics platform will enable scientific organizations to save time, accelerate research, and promote higher quality data.

It is another step forward in our vision to combine the functionality and power of many of the industry's favorite applications into an end-to-end platform creating solutions that can help customers transform scientific R&D. The integration value, which is unique to Dotmatics in the industry, provides scientists with an easy-to-use, reproducible, no-code method to create publication-quality graphs.

Learn More Online

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What is the immediate benefit of the Dotmatics platform integration with Prism?

This native integration brings significant user efficiency and time savings to drug discovery programs while greatly reducing the risk of errors in data, enabling scientists to streamline analysis.

What are the core capabilities of Dotmatics Platform?

Dotmatics offers the most powerful scientific R&D platform in the world. By connecting best-in-breed applications on an open and flexible data-driven platform, we enable collaboration, automation and analysis in research labs. The Dotmatics Platform cloud-based software enables lab scientists to record and analyze:

- Experimental metadata
- High-throughput screening data
- Sequence data
- Images

What is GraphPad Prism and its related capabilities?

GraphPad Prism is a versatile tool that performs statistical analyses of experimental data and generates publication-quality graphs. Using the Prism and Dotmatics Platform integration in your workflow, you can seamlessly perform advanced statistical analysis such as non-linear regression, biphasic and global curve fit on various experiments. Then easily create publication quality graphs with a huge array of custom features.

In addition to statistical analysis, how does the Dotmatics Platform & Prism integration save time?

By eliminating the need for manual manipulation of data, such as copying and pasting from Platform to Prism, this automation advantage saves the user hours, potentially days, and greatly reduces the risk of introducing errors into the data.

Does the Prism Integration work with the Dotmatics Biology or Chemistry Solutions?

Yes, the integration is compatible with both solutions. With so many teams participating in the R&D process such as the sequencing core, the molecular cloning group, the protein production core, the assay group and more, collaboration across teams has never been more important. The Dotmatics Platform allows for easy data access by the entire team, which creates a smooth data transition between working groups.

How does the Prism integration work with the Dotmatics Biology solution?

The Dotmatics Biology Solution supports drug discovery across a wide range of Biologic therapeutics including antibodies, CAR-T cells, and RNA therapeutics. The Prism integration allows for improved access to data, flexibility, and workflows.

- **Assay Development:** Capture assay parameters and other experimental details in the ELN and store the Prism files used for analysis directly in the experiment. By keeping the experimental details and the data analyses together, you'll have an easier time finding information on past experiments. This also decreases the cost and risk of repeated experiments due to poor data management.
- **Results Analysis:** Search all your data from a single query tool, collate results from multiple assays and send the results directly to GraphPad Prism. This allows you to make decisions using all available data streams, not just one.

How does the Prism integration work with the Dotmatics Chemistry solution?

The Dotmatics Chemistry Solution is a package of capabilities and workflows that support small molecule drug discovery. The Prism integration allows for even better access to data, flexibility, and workflows.

The Prism integration, when embedded in Dotmatics' chemistry solution, allows streamlined comparison of assay results for lead series. This is especially beneficial when assays were performed over multiple experiments. In a typical use case assay data can be centralized, queried, and then pushed to Dotmatics' data discovery visualization tool for SAR (Structure-Activity Relationship) analysis. For a deeper dive, scientists can automatically push data to Prism and perform further analyses and create publication quality graphs.

How does Dotmatics Platform handle screening data?

Dotmatics Platform can directly ingest raw data from instruments, parse plate-based data and perform rapid analysis. Using Dotmatics Platform for screening data makes it easier to share research data across teams and experiments in your organization.

Does advanced statistical analysis work for both single and multiple experiments?

Yes. You can perform advanced statistical analysis on aggregated data across many experiments (e.g. ANOVA, t-test, global curve fit), or drill down to a single layer of parsed raw screening data to export.

Where is assay data stored?

Dotmatics Platform is a secure cloud-based software that stores your data in a relational database.

How does the Dotmatics Platform & Prism integration make data analysis reproducible?

The Prism integration provides you with two distinct areas of benefit to help you address data reproducibility and replicability:

1. **Templates:** You can use Prism templates across your workflow. Users can create templates with analysis and graphs that can be applied to any data. The Dotmatics Platform allows users to store and share multiple Prism templates in a library.
2. **Data Aggregation:** Skip time-consuming and error-prone manual collating of assay data. Aggregate your data from multiple experiments in Dotmatics and then seamlessly export to it Prism, all while being F.A.I.R compliant.

I'm already a customer, how do I upgrade?

Please contact Dotmatics Support or your dedicated sales representative to discuss next steps.

