

OpenLAB Electronic Lab Notebook (ELN) for Biology

Data Sheet

In an increasingly competitive environment, corporations must capitalize on scientific knowledge and discoveries faster and at reduced cost. Biologists across disciplines such as molecular biology, cell biology, pharmacology, and others need to record a wide variety of data from their research, and to more easily share results across an organization. Agilent OpenLAB ELN is an easy-to-use, flexible electronic laboratory notebook that **increases collaboration, expedites data capture and reuse, and secures intellectual property**. OpenLAB ELN **saves time** by helping you:

- Record unstructured data (gel images, blots, and photos) and structured data (spreadsheets and graphs) in a free-form environment
- Use Experiment Templates and Dynamic Forms to create customized experiment views and data-entry forms for quick experimental set-up
- Share protocols and results in a searchable, secure archive that protects your intellectual property

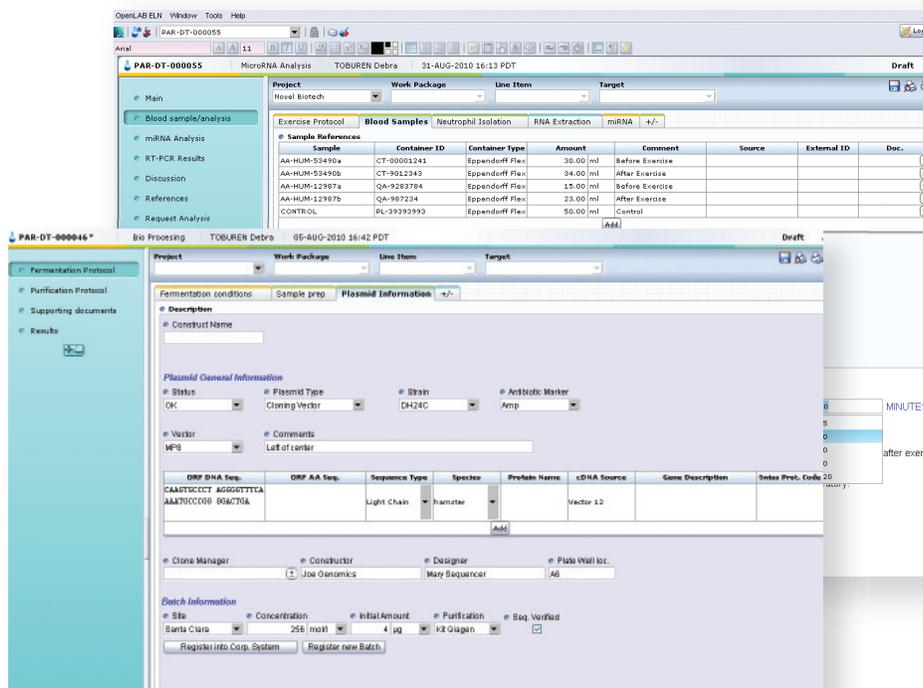


Figure 1. With OpenLAB ELN, you can create Experiment Templates which reflect your experiment workflow, enabling you to create new chapters, tabs and add dynamic forms to easily share protocols and quickly capture conditions and results.



Life scientists perform a wide variety of experiments and require a highly flexible ELN that adapts to their needs. **More than a replacement for a paper notebook**, OpenLAB ELN is an intuitive web-based solution that enables you to:

- Search for and reuse protocols or methods; clone an entire experiment or only selected sections
- Insert standard sentences, phrases or paragraphs; use controlled vocabulary, calculations, or conditional formatting
- Create forms and tables; embed Microsoft® Excel, Word, and PowerPoint documents
- Create Experiment Templates which reflect the way you work, using your terminology for new chapters, tabs and sections
- Integrate with external sources of data so you can import relevant research and files directly into an experiment

OpenLAB ELN helps you record experimental procedures faster, so you **spend more time on discoveries and less time on "paperwork."**

- Use Dynamic Forms to create templates and data-entry forms for frequently performed procedures
- Benefit from full Excel functionality, including macros and graphics
- Insert files, images and graphics; include searchable annotations

With OpenLAB ELN, you **share information to save time, reduce costs, and accelerate decision-making.**

- Manage diverse data in a secure ELN database with configurable user management
- Find exactly the data you need with keyword and full text searches across experiments and documents
- Protect your valuable intellectual property with audit trails and electronic signatures

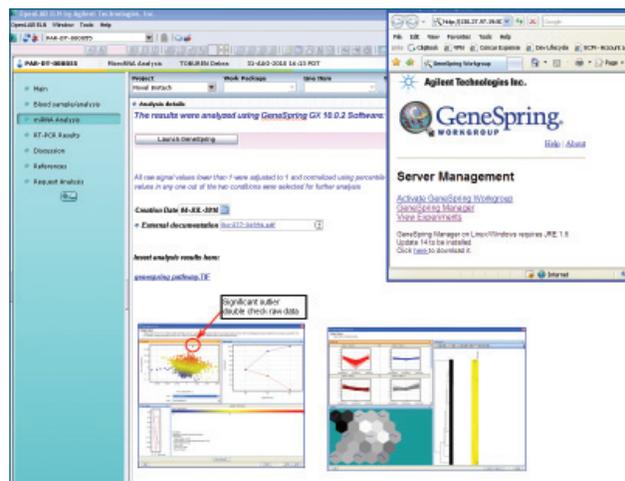


Figure 2. Insert forms and images with searchable annotations and quickly launch analysis applications directly from within the ELN experiment protecting valuable analytical conclusions and research results.

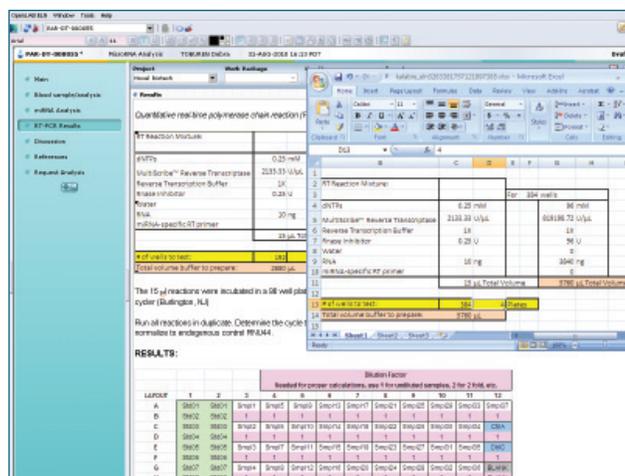


Figure 3. Use the full power of Microsoft Excel for calculations, graphics, and even use macros, all directly within the ELN.

To learn more about OpenLAB ELN, visit us at www.agilent.com/chem/eln

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