

## Sample Data Management for Genetic Research

BC|SAMPLE accelerates the sample data feeding process without losing any data integrity, making sample data management fast, reliable, and easy to keep up-to-date.

BC|SAMPLE has been developed with input from genetic research groups. It is designed to streamline time-consuming sample entry and tracking tasks. Accessing and tracking samples and their containers can be adapted to each laboratory's own favorite working methods and routines. Individual user profiles and the intuitive user interface with convenient drag-and-drop functionality make the system easy-to-use.

### Controlled and easy data entry

With BC|SAMPLE sample data entry is controlled and easy. Sample profiles for study subjects speed up data input in a controlled manner, and help to keep the sample database up-to-date.

Additionally, the placement of certain sample types can be semi-automated according to rules defined by sample collectors and researchers. This becomes especially useful when backup samples are stored in separate locations.

If a laboratory uses bar code identifiers, a light-weight label editor for thermal transfer printers is available.

### Reliable sample inventory and fast tracking of samples

BC|SAMPLE offers an easy way to follow the progress in sample gathering, and a way to link the individual samples of study subjects to laboratory results.

Using sample collection profiles, it is easy to find out, if a study subject is missing important sample types, and whether the samples have been processed further, like in DNA purification.

For PCR and other analyses, pipetting schemes can be created.

## Technology Overview

BC|SAMPLE runs on a database server and can be used with web browsers of Windows®, Mac® and Unix® workstations.

The BC|SAMPLE server can be located at the customer institute or the solution can be hosted and used remotely as a service. The connection to the server is encrypted using the SSL protocol.

The integration of BC|SAMPLE with other BC applications provides a unique way to control and follow the data flow from laboratory to the research results, and back to the laboratory.

### Features & Benefits

- Quick to deploy
- Intuitive web browser interface
- Support for pipetting schemes
- Support for bar code identifiers
- Linking of samples to laboratory results
- Easy to track replicate and backup samples
- Easy to create sample collection profiles for study subjects



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