

**PROLIS™**  
**Barcode Support**

Version 4.0

## Barcode Usage in PROLIS

The architecture of Prolis revolves around the automation of the laboratory operation. In order to achieve an optimum level of automation and the ease of use, all possible techniques have been incorporated in to its built. The barcode usage is one of those.

While accessioning specimens both inside the laboratory as well as remotely with Prolis Outreach, barcode is printed on the labels to be applied to the specimen contents. Remotely accessioned specimens in various physician offices and clinics, are extremely easier and faster to process by the laboratory upon receiving. Labels with accession ID and barcode, once applied to tubes (both source and processing or pouring) become the 'System ID' of the tube. The system ID of the specimen can be scanned to look up all sort of information in Prolis.

Barcodes are used in Prolis to achieve the followings;

- **Data Accuracy**

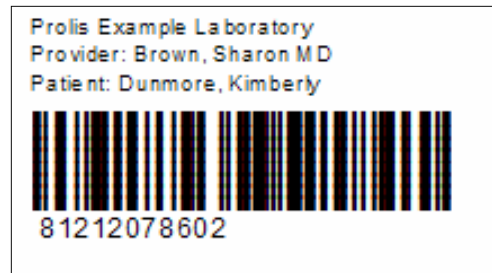
Using barcode is considered and has been proven more accurate than typing the data manually.

- **Speed**

The data entry with the help of Barcode use is much faster.

- **Bidirectional Interfaces**

Analyzers interfaced to Prolis bi-directionally, make use of the bar-coded Accession IDs by scanning them and inquiring Prolis for the test orders and reporting the results back to Prolis extremely fast and accurate.



## Symbology

Prolis uses Code 128 to encode the data element 'Accession ID' in to barcode during accession process.

## Recommended Label Printers

Any label printer capable of printing 2" wide x 1" long label. This is the dimension of the printed area which can be easily accommodated by a 2"x1" label. A label of slightly larger size (2.25" x 1.25") with the adhesive compatible to the laboratory environments temperature, is recommended.

For an approximate daily output of 1500 to 2000 labels, we recommend Zebra EL 2824 or equivalent, with serial or USB interface to keep your LPT1 port dedicated for document printing jobs.



Cognitive LX



LP 2824

For an approximate daily output of 4000 to 5000 labels, we recommend Cognitive Advantage LX (LBD24-2043-011) or equivalent, with serial or USB interface to keep your LPT1 port dedicated for document printing jobs.

For jobs heavier than above, we will include the label printer recommendation with the PROLIS configuration spec sheet or contact us using the email address [cs@prolis.info](mailto:cs@prolis.info)