

■ Sample Registration

Capture and identify sample material



■ Objectives

Get a quick and automated clarity concerning the order and the whole material and enter the data in the laboratory information system (LIS). The sample registration is the basis for a smooth and automated workflow of the samples.

■ Notes

- Communication with the laboratory information system by standard interfaces HL7 & LDT

■ Features

- Reads barcodes
- Automates material registration with image recognition using cap color and tube geometry
- Registration of special material at manual work places
- Reconstruction of unreadable barcodes
- Correction of material flow is continuously possible
- Sorts out tubes which can't be handled automatically

■ Advantages

- More than 80 % of the submitted samples can be registered automatically
- Automatic and manual registration are in the same system
- Preparation of sample material for automated handling
- Smooth material flow
- Basis for sorting
- Central position for registration of the sample material
- Quick and safe material recognition by automated image processing

