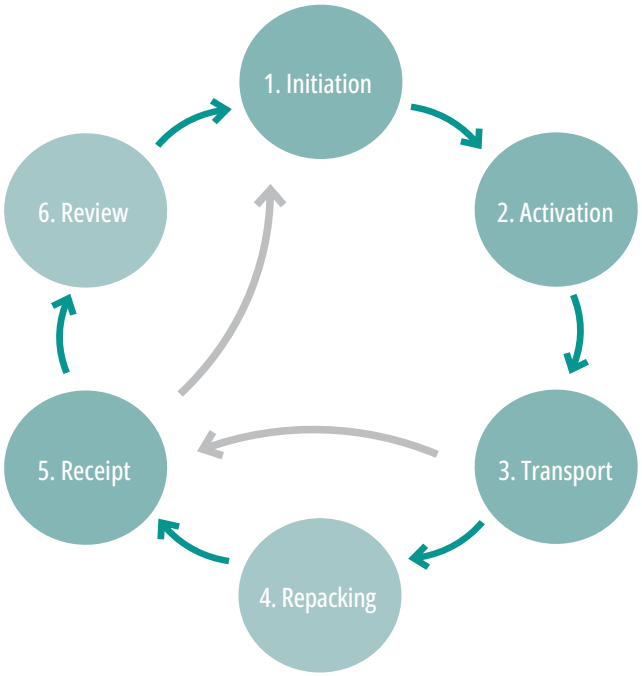
TubeSense® LabTrack process

The versatile solution for tracking and monitoring patient-related materials (PRM) during the pre-diagnostic process.

A clear and user-friendly process

Temperature registration using TubeSense® LabTrack requires only a limited number of actions: simply scan the relevant barcodes using the mobile app or a barcode scanner connected to a PC. The number of scans depends on the desired type of monitoring. In the most basic setup, where only the temperature profile inside the transport box is recorde, only a single activation scan per transport is required. If temperature monitoring per individual sample is desired, or if location information is needed for tracking & tracing purposes, additional scans may beon necessary.



1. Initiation

During initiation, the transport profile (time and temperature) is defined. When the same profile is used for a subsequent transport, no scan is required.

No scan: The previously selected transport profile is reused.
Box scan: Select a new transport profile

2. Activation

The activation scan* is a mandatory action at the sample collection location and marks the start of temperature registration:
Box scan: All samples in this box share *the same* timeline.
Monster + box scan: Each sample in the box receives its *own individual* timeline.

3. Transport

A transport can be monitored in two ways:
Offline: Temperature data is stored in the sensor's memory and read out upon arrival at the laboratory. Any deviations are reported via an alert in the lab, after which a review is required.
Online: Temperature data is transmitted to the server via the *car kit gateway.* In case of temperature deviations, alerts are sent immediately to the courier.

4. Repacking (hub function)

A transport can optionally be split, after which samples are repacked into new boxes and transported to the desired laboratory.
No scan: The sample remains in (or is returned to) the same box
Box scan: If the sample is placed in a new box a new sample + box scan are required.

5. Receipt at the laboratory

Upon arrival at the laboratory, the sensor is automatically detected and the measurement results become available in the dashboard within approximately 10 minutes. Once all data has been received by the server and any alerts have been handled, a new initiation is performed automatically and the box is ready for the next transport.

6. Review

The received data is automatically compared with the configured transport profile. If transport time and/or temperature limits are exceeded, an alert is generated. The automatically generated advice must always be reviewed by a responsible staff member, with the option to deviate from the advice and provide a reason**.
No action required: When no deviations are detected.
Manual review: In case of deviations outside the temperature/time profile.

* Sample ID data can optionally be retrieved via an interface with CyberLab or Serviceware.
** Linking sample ID to temperature profile in the LIMS is optional.

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