KANKA

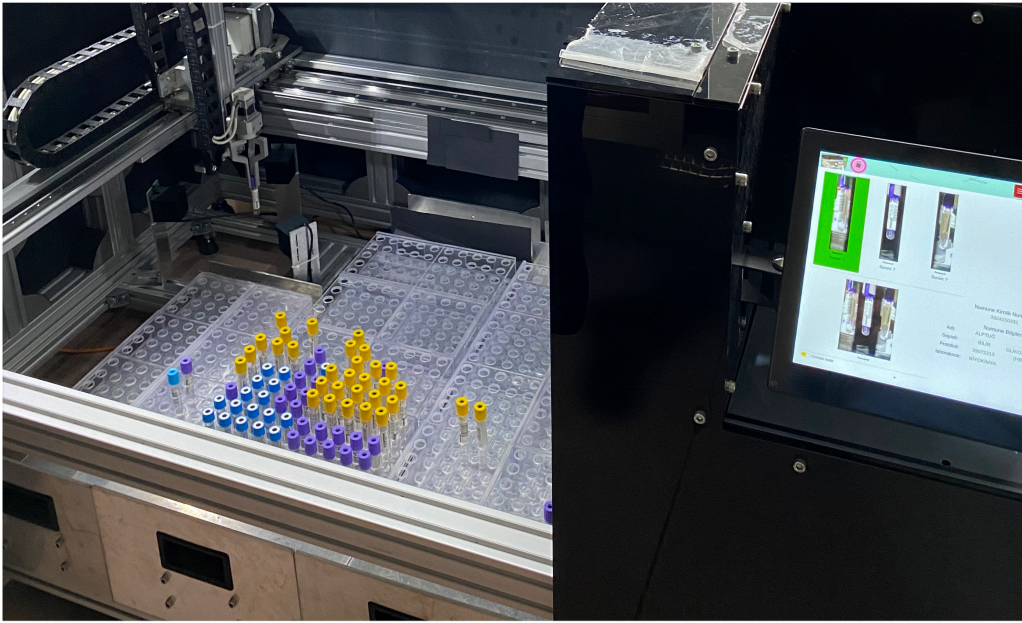## AI-Enabled Robot for Blood Sample Check In

Pre-analytical errors account for 32-75% of laboratory errors.

KANKA, enabled by AI, identifies samples with many types of pre-analytical errors, speeds up sample check in process, saves costs and reduces human-specimen contact.

KANKA is the first AI-enabled robot that can visually check blood samples to identify pre-analytical errors such as tube that is not in use in the laboratory, wrong tube type for the tests, tube without a cap, empty tube, tube with insufficient amount of sample, tube without identification or with wrong id.

1

COST SAVING

KANKA pays for itself in a very short period of time.

2

SPEED UP

KANKA works very fast, thus reduces test result times significantly.

3

BIO-SAFETY

KANKA reduces human-specimen contact.

1. Scan Barcodes
Tube barcodes are scanned in and registered with HIS/LIS.

2. Check for Pre-analytical Errors
Sample tubes are checked against a set of pre-analytical errors..

3. Group Samples
Samples are grouped based on their destination devices.