

# Sample Logistics & Kitting Solutions



MAPPING PRECISION MEDICINE

## ENSURING THE HIGHEST RECOVERY RATE OF YOUR CRITICAL SPECIALTY SAMPLES

Clinical Logistics Inc. (CLI), a CellCarta company, offers virtual central sample solutions ranging from lab manual preparation and kitting to global sample logistics services to ensure a reliable and timely transfer of your samples from the clinical sites to any of your reference labs. **Our management and oversight of direct sample shipment and status transparency help prevent the loss or mishandling of samples.** With CLI, you can be ensured that we follow your samples in real-time and maintain constant communication with sites, allowing us to address sample misplacements quickly and prevent loss of sample integrity.

With nearly 20 years experience, we understand the challenges of working with specialty samples (including PK, PD, biomarkers, and PG) and are organized to handle complex studies involving multiple dosing schedules or indications.

Working with a variety of couriers allow us to provide logistical options to meet the performance and budgetary requirements of each trials. **Familiarity with import and export regulations in various countries** avoid time wasting transit and/or customs delays. To further support our clients and provide optimal quality conditions for their study material, we offer customized lab manuals and collection kits to clinical sites.

## PROVIDING COMPLETE SAMPLE SUPPORT



### LABELS

- Customizable and user-friendly labels (color coded, LIMS coded/scannable barcodes)
- Cryogenic-grade labels



### LAB MANUALS

Comprehensive instructions on sample collection, processing, storage, and shipment



### CLINICAL KITS

- Customizable sample collection kits (including labels and supplies)
- Error proof sample shipping systems



### SAMPLE LOGISTICS

- Direct shipment from clinical sites to reference labs
- Real-time monitoring leading to high recovery rates



### SAMPLE MANAGEMENT

- Handle complex studies: multiple dosing schedules or indications with multiple clinical sites and reference labs
- Query resolution based on direct communication with clinical sites and reference labs
- Sample reconciliation ensured by our 2-step process



### SAMPLE STORAGE

Services offered in USA, EU (Belgium) and China via CellCarta



### BIOANALYTICAL TESTING

Available through CellCarta

## MANAGING SAMPLE LOGISTICS DIFFERENTLY

At CLI, samples can be directly shipped globally from clinical sites to reference labs and managed virtually with real-time tracking, eliminating the mandate for clinical sites to transfer samples to a central storage facility. Our two-stage process which compares both the quantity and details of the samples shipped vs. received at the reference lab, ensures reliable sample reconciliation at reception.

**Our methods result in higher percentage of successful transfer of collected samples and allow samples to arrive in as little as 24h after collection.** This approach is particularly valuable for specialty samples with limited stability.

**>19 years**  
of expertise

**Thousands**  
of samples tracked  
every week

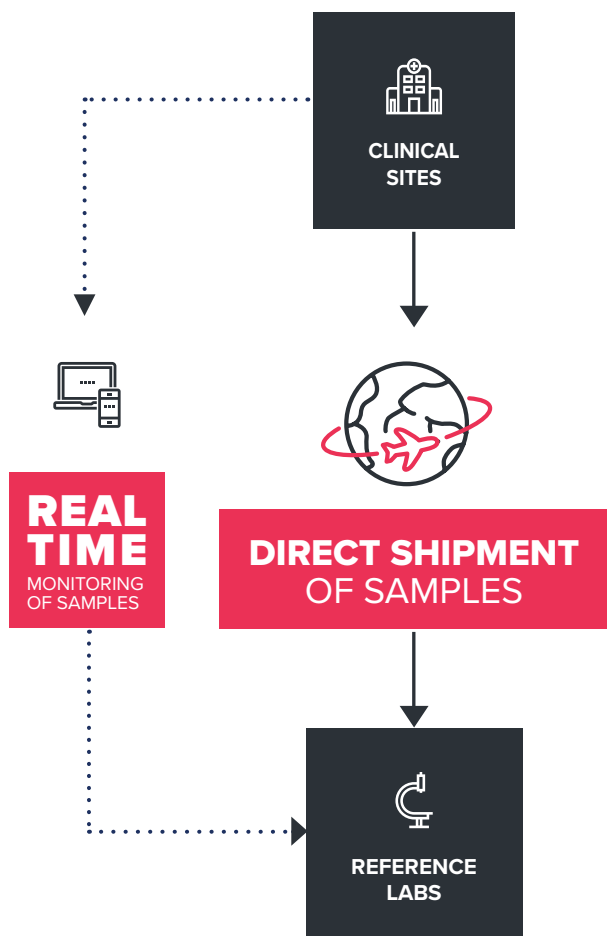
Supported trials  
conducted in  
**>50 countries**

..... Certified  
**ISO13485** .....



## UNIQUE EXPERTISE FOR TRIALS COLLECTING SPECIALTY SAMPLES:

- Arrival of samples at reference lab within 24h to 48h after collection
- Customized lab manuals for the specific collection, processing, storage, and shipment of numerous specialty samples
- Clinical kits customized for specialty samples
- Logistics oversight and management for samples for first-in-human or complex trials
- Ideal solution for trials that have safety labs done locally



## CASE STUDIES

### SUPPLYING KITS IN TIME FOR PATIENT DOSING

#### ISSUE

Another central lab was unable to supply PK kits in time for patient dosing during the COVID pandemic.

#### SOLUTION

Within one week of contract execution, CLI provided PK supplies to multiple sites.

#### RESULT

CLI's fast and efficient turn-around time helped the sponsor maintain patient dosing schedule.

### EFFICIENT SAMPLE TRACKING

#### ISSUE

A courier assigned the same tracking number to two sample shipments picked

up at the clinical site (shipper). The two packages were to be delivered to the same bioanalytical lab, but due to the duplicated tracking number, one of the shipments was left at the airport in the shipper's city.

#### SOLUTION

Once it was known that the bioanalytical lab had only received one package, CLI was able to determine what had happened, and had the missing package shipped within 24 hours and delivered without sample integrity excursion.

#### RESULT

During the tracking of the shipments, the duplicated tracking number appeared to have no issues, so without CLI's dedicated Sample Shipment Tracking team communicating with the bioanalytical lab, the second package may have remained un-shipped at the airport, or sample integrity may have been impacted.

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#### ABOUT CELLCARTA

Leading provider of specialized precision medicine laboratory services to the biopharmaceutical industry. Leveraging its integrated analytical platforms in immunology, histopathology, proteomics and genomics, as well as related specimen collection and logistics services, CellCarta supports the entire drug development cycle, from discovery to late-stage clinical trials. The company operates globally with 10 facilities located in Canada, USA, Belgium, Australia, and China.

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