

# CCTS SPAN and Biorepository

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## CCTS

### Additional CCTS Resources

Collaboration with the **Clinical Research Unit (CRU)** and **Phase I** patient facilities facilitates “bedside-to-bench” research.

Integration with the **Clinical Informatics** group allows stored specimens to be discoverable through the **i2b2** system to facilitate potential collaborations with other UAB Investigators



We work with the **Clinical Research Support Program (CRSP)** to provide support in transport and shipment of samples for clinical trials.

The **CCTS SPAN** and **Biorepository** specializes in research based clinical specimen processing and specimen biobanking with barcoded inventory management in **OnCore**. Our lab located within the CCTS Clinical Research Unit (CRU)/Phase I clinics in Jefferson Tower is able to facilitate rapid processing of participant research specimens from individuals participating in clinical trials. Additionally, we offer more complex human blood processing and storage in our Shelby Building lab.

### Specimen Processing

Blood, urine, CSF processing and storage

CRU/Phase I Clinic Location

Integration of specimen management in OnCore allows specimen collection to be associated with patient records and the study calendar



### DNA Services

#### DNA Extraction

- Whole Blood
- Frozen Blood
- Buffy Coats
- Saliva

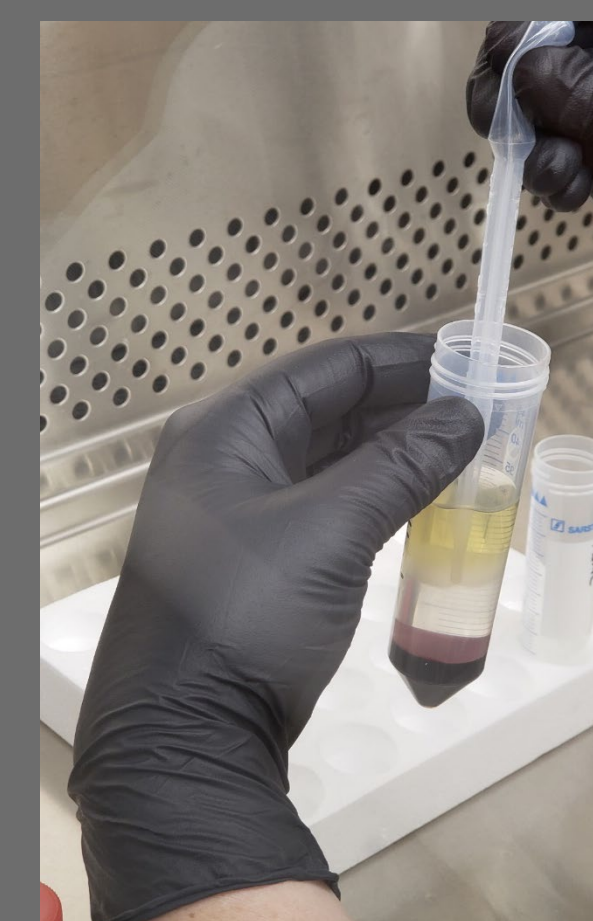
#### DNA Quantitation

- Absorbance 260/280
- 16 well Nanodrop
- Trinean
- Pico Green
- Qubit



### Cell Services

PBMC Isolation And Cryogenic Preservation



Immortalization and Cryogenic Preservation of Lymphocytes

### Biobanking

-80 & Cryogenic Specimen Storage

Barcoded Specimen Management in OnCore

- Inventory
- Metrics

Biospecimen shipping

Standardized SOPs and ongoing QC/proficiency testing schemes



### Getting Started:

We are able to help in the development of a specimen collection plan at any point in a study's establishment. We are able and willing to provide consultation based on the specific needs of your study.

**We are here to help you!**



### Contact Us

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