

Specimen Processing and Biorepository

Center for Clinical and Translational Science



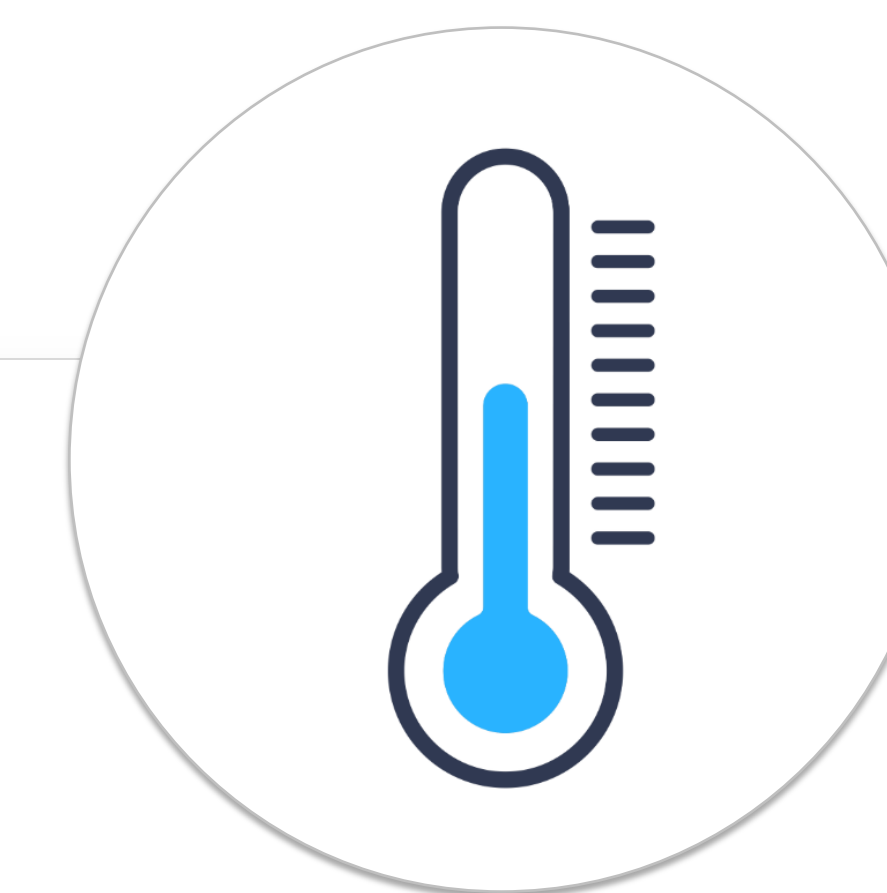
CCTS

The **CCTS Specimen Processing and Biorepository** specializes in research based clinical specimen processing and biobanking with barcoded inventory management. Our lab is located within the CCTS Clinical Research Unit (CRU) in Jefferson Tower. More complex blood processing occurs in our facility located in Shelby 230.



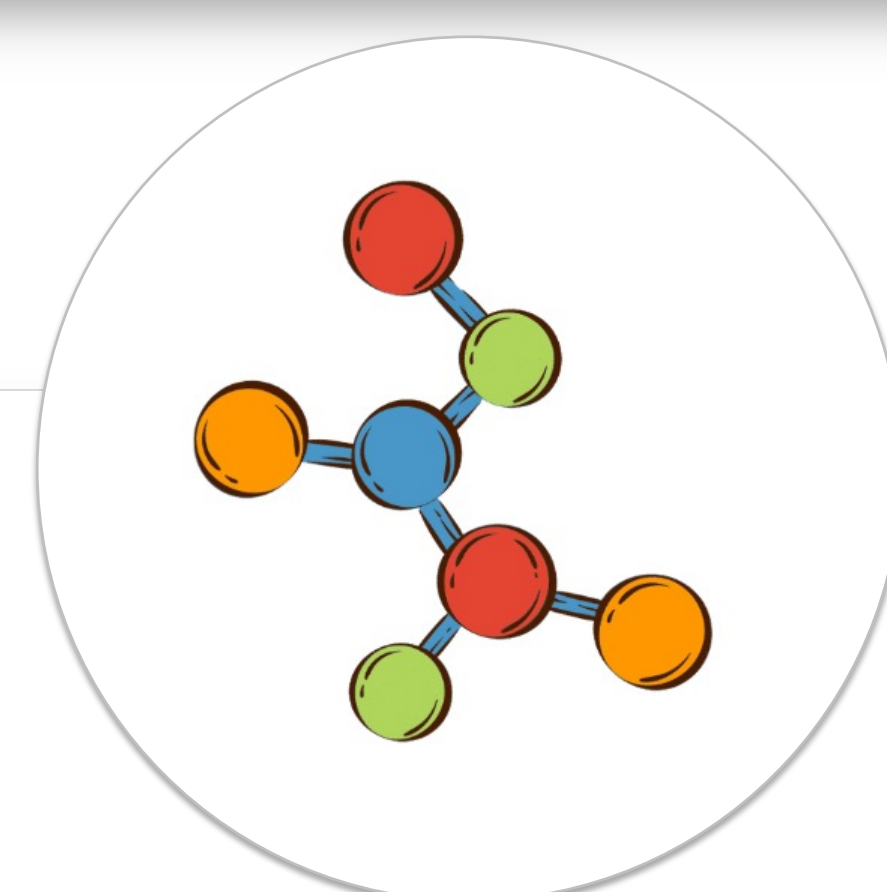
Specimen Processing

- Consultations on study design and sample transport
- Aliquoting



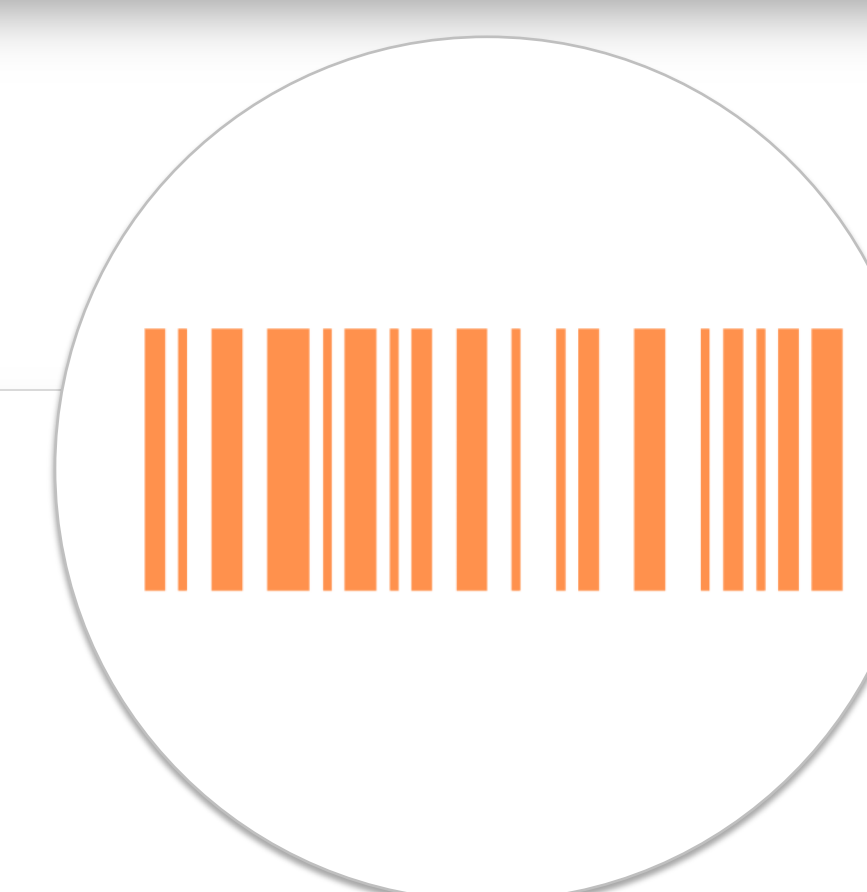
Cell Services

- Lymphocyte Immortalization
- PBMC Isolation
- Cryogenic Preservation
- Flow Cytometry Preparation



DNA/RNA Isolation

- Extraction from blood
- Quantification and QC
- Preparation for genomic analyses



Biobanking

- Barcoded Specimen Banking
- OnCore Specimen Management
- Specimen Disposition
- Inventory Assessment

- Working with the **Clinical Research Unit (CRU)** to facilitate “bedside-to-bench” research
- Inventory of specimens maintained in the **OnCore Research Biospecimen Management** module
- Partnering with **UAB Biorepositories** to build integrated and dynamic collections to enable access and collaboration.

CCTS Connects



CENTER FOR CLINICAL
AND TRANSLATIONAL SCIENCE

www.uab.edu/ccts
ccts@uab.edu
205.934.7442

