



THE HOSPITAL FOR
SICK CHILDREN

Paediatric
Laboratory Medicine

Cytogenetics Laboratory Clinical Fibroblast Service

About Our Service

The Clinical Fibroblast Service (CFS) is a biorepository service that establishes, banks and distributes fibroblast cell lines, primarily for diagnostic testing. It operates with the oversight of the Cytogenetics Laboratory in the Division of Genome Diagnostics, Department of Paediatric Laboratory Medicine.

This banking service has diverged from the original research “Tissue Culture Service” and handles, processes and banks only human fibroblast cell lines predominantly for clinical use.

Services for research fibroblast and lymphoblastoid cell lines are available at The Centre of Applied Genomics (www.tcag.ca).

Fibroblast cell lines are generated from fresh-tissue biopsies. All cell lines are presently processed and stored with several quality control measures in place according to current standards of best practices for biorepositories. Cell lines from clinical samples established and processed over the past five decades are also housed in this biorepository; these lines have been handled according to the standards of processing at the time of their acquisition.

Services and banking for research purposes and for external clients are also available, at cost to the client. Charges for services can be obtained by contacting the CFS.

Research specimens must be accompanied by the approved, current Research Ethics Board (REB) protocol and relevant signed patient consent form.

All requests must be accompanied by a signed requisition completed appropriately for the required service(s). The most current version of the requisition is available at: www.sickkids.ca/dplm-requisitions/

Contact Us

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