



February 23, 2026

Test Discontinuation: Cytotoxic T Cell Function Assay (Test# 2900650)

Dear Cincinnati Children's CBDI Clinical Laboratory Clients:

We are sending this notice to inform you that effective **Monday, June 1, 2026**, we will discontinue the **Cytotoxic T Cell Function Assay (Test #2900650)**. This assay measures cytotoxic T-lymphocyte (CTL) function by incubating patient lymphocytes with Chromium-51-labeled target cells and quantifying CTL-mediated lysis based on chromium release. The test is being discontinued due to challenges related to cost, operational feasibility, and reagent availability.

Alternatively, the **T Cell Degranulation (CD107a) Assay (Test #8578393)** is available and may be ordered as a surrogate for the discontinued test. This assay evaluates the cytotoxic machinery of T cells by staining cells with surface markers and assessing degranulation. When T cells degranulate, CD107a becomes expressed on the effector cell surface and is detected by flow cytometry.

Please note that the T Cell Degranulation assay has specific specimen volume requirements that depend on the patient's absolute lymphocyte count (ALC). Refer to our [Lab Test Directory](#) for detailed and up-to-date specimen collection requirements. If you have any questions or need further clarification, please do not hesitate to contact the **CBDI Clinical Laboratories** at **(513) 636-4685**.

Thank you for choosing the CBDI Clinical Laboratories for your testing needs.

The CBDI Clinical Laboratories
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