



# Test Catalog

Diagnostic. Prognostic. Predictive. Predisposition.



# T-Cell Receptor Gamma Gene Rearrangement

## Alternative Name

T-Cell Gamma Gene Rearrangement, TCRG

## Methodology

Molecular

## Test Description

Detection of clonal T-cell receptor gamma (TCRG) gene rearrangements by PCR of variable and joining regions. T-Cell Receptor Beta Gene Rearrangement is offered separately and may be added to this gamma gene test.

## Clinical Significance

Detects monoclonal T-cell receptor gamma gene rearrangement. Interpret in clinical context for diagnosis of T-cell lymphoproliferative disorders.

## Specimen Requirements

- **Peripheral blood:** 5 mL in EDTA tube.
- **Bone marrow:** 2 mL in EDTA tube.
- **FFPE tissue:** Paraffin block is preferred. Alternatively, send 1 H&E slide plus 4-5 unstained slides cut at 5 or more microns. Please use positively-charged slides and 10% NBF fixative. Do not use zinc fixatives.
- **Fresh tissue:** Two pieces minimum, 0.2 cm<sup>3</sup> in RPMI. Note: not suitable for Freeze & Hold option.
- **Note:** Please exclude biopsy needles, blades, and other foreign objects from transport tubes. These can compromise specimen viability and yield, and create hazards for employees.

**Note:** Test is DNA-based. Please select Extract & Hold - DNA if specimen hold service is desired.

## Storage & Transportation

Refrigerate fresh tissue until shipping. For all specimens, use cold pack for transport. Make sure cold pack is not in direct contact with specimen.

## CPT Code(s)\*

81342

## New York Approved

Yes

## Level of Service

Global

## Turnaround Time

7 days

\*The CPT codes provided with our test descriptions are based on AMA guidelines and are for informational purposes only. Correct CPT coding is the sole responsibility of the billing party.

Please direct any questions regarding coding to the payor being billed.

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