

# T-CELL LYMPHOMA

## Orderable - T-CELL LYMPHOMA

Turnaround Time: 15 days



**Laboratory:**  
Molecular Diagnostics Lab



**Requisition:**  
[MOLECULAR DIAGNOSTIC  
REQUISITION](#)



**Method of Analysis:**  
Based on the BIOMED-2 strategy (genomic DNA is amplified by multiplex PCR using a commercial kit (InVivoScribe Technologies) containing fluorescently labeled primers that target either conserved variable, diversity, and joining regions flanking the unique hypervariable antigen

### Alternate Name(s):

TCRG Gene clonality assay

### Specimen:

EDTA blood/bone marrow

### Collection Information:

Send directly to lab at room temperature

### Reference Ranges:

See report

### Interpretive Comments:

PCR-based assays are used for the identification of T-cell and B-cell clonal populations. Each B- and T-cell has a single productive V-J rearrangement that is unique in both length and sequence. Therefore, when this region is amplified using flanking DNA, a clonal population of cells yields one or two prominent amplified products within the expected size range. In addition to lymphoid neoplasms, clonal/oligoclonal populations may be seen in reactive/inflammatory conditions, autoimmune disease, immunodeficiency/immunosuppression, and transplant patients, among other entities. Clonal patterns that may be due to an exaggerated/abnormal T-cell repertoire/response should be interpreted with caution. Correlation with clinical, flow cytometric and histological features (if applicable) is essential.

### Storage and Shipment:

Deliver to lab at room temperature.



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**Test Schedule:**

As required,  
Monday to Friday 0800-  
1600 hours