

B-CELL LYMPHOMA

Orderable - B-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))



Test Schedule:
As required,
Monday to Friday 0800-1600 hours

Alternate Name(s):

B-Cell Gene rearrangement

Specimen:

EDTA blood/bone marrow

Collection Information:

Send directly to Molecular 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 Molecular lab at room temperature.