If clinically suspicious of B-cell lymphoblastic leukemia/lymphoma (B-ALL), order one of the following, based on patient age:

- **Pediatric (≤30 years)**
  - BALPF / B-Cell Acute Lymphoblastic Leukemia/Lymphoma (ALL), FISH, Pediatric, Varies

- **Adult (≥31 years)**
  - BALAF / B-Cell Acute Lymphoblastic Leukemia/Lymphoma (ALL), FISH, Adult, Varies

### Diagnostic Results

**YES**

Diagnostic results from either BALAF or BALPF and CHRBM / Chromosome Analysis, Hematologic Disorders, Bone Marrow

- **NORMAL**
  - Concern for submicroscopic deletions or duplications (i.e., ERG or PAX5)

- **ABNORMAL**
  - Atypical rearrangements results
    - Concern for hypodiploid clone

**Consider CMAH / Chromosomal Microarray, Hematologic Disorders, Varies for further testing**

**FINAL REPORT RELEASED TO CLIENT**

**NO**

Follow-up testing / *Relapse (as appropriate)

**Targeted follow-up fluorescence in situ hybridization testing will be based on primary clonal abnormalities. Note: Reverse transcription polymerase chain reaction recommended for BCR/ABL1 fusion follow up.**

**Final report released to client**

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*Relapse cases will be evaluated on a case by case basis by Laboratory Directors in the Genomics Laboratory*