## Leukemia & Lymphoma Management

### Test Selection Table

<table>
<thead>
<tr>
<th>Condition</th>
<th>Test Details</th>
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| Acute lymphoblastic leukemia/lymphoma/lymphoblastic lymphoma | - CEBPA Mutation Analysis (489170)  
- CML FISH (150500)  
- JAK2 Mutation Analysis (489200) |
| Acute myeloblastic leukemia (AML)              | - Chromosome Analysis and BCR-ABL FISH (150500)  
- JAK2 Mutation Analysis, Qualitative, With FISH to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (489395) |
| Acute promyelocytic leukemia (APL)            | - BCR-ABL1 Transcript Detection for CML & ALL, Quantitative (480481) |
| Adult T-cell leukemia/lymphoma (ATLL)         | - BCR-ABL1 Transcript Detection for CML & ALL, Quantitative (480481) |
| Anaplastic large-cell lymphoma                 | - BCR-ABL1 Transcript Detection for CML & ALL, Quantitative (480481) |
| Chronic lymphocytic leukemia (CLL)/lymphocytosis | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Chronic myelogenous leukemia (CML)            | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Cutaneous T-cell lymphoma (CTCL)              | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Hairy cell leukemia                             | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Hodgkin lymphoma                               | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Lymphoblastic lymphoma (blood/bone marrow)/ALL | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Lymphocytosis/chronic lymphocytic leukemia (CLL)| - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Malignant peripheral neuropathy (MPN)          | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V607F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Multiple myeloma/plasma cell leukemia          | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Myelodysplastic syndrome (MDS)                | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Myelofibrosis                                  | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| non-Hodgkin lymphoma                           | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Polycythemia vera                              | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Prolymphocytic leukemia                        | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Sézary syndrome                                | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| T-γ lymphoproliferative disease                | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |
| Thrombocytosis, essential (ET)                 | - CEBPA Mutation Analysis (489170)  
- CML FISH Reflux to JAK2 V617F Mutation Analysis, Qualitative, With Reflux to CALR Mutation Analysis, JAK2 Exon 12 Mutation Analysis and MPL Mutation Analysis (511595) |

### Additional Published Assays

<table>
<thead>
<tr>
<th>Test Nº</th>
<th>Description</th>
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<tbody>
<tr>
<td>489170</td>
<td>CEBPA Mutation Analysis*</td>
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<tr>
<td>480940</td>
<td>cKIT Mutation Analysis in Tumors of Hematopoietic Tissue*</td>
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<tr>
<td>910040</td>
<td>FLT3 Internal Tandem Duplication (ITD) and D835 Variant Detection by PCR*</td>
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</tbody>
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*Molecular oncology  
†Cytogenetics and FISH immunophenotyping by flow cytometry  
§There are no molecular/cytogenetic markers for HL.