Suspected Lymphoid Neoplasm

**Suspected B-cell lymphoid lineage**
- Acute lymphoblastic leukemia/lymphoma (typical marker patterns are presented)
  - Precursor B-lymphoblastic leukemia/lymphoma
  - Burkitt lymphoma/leukemia

**Mature B-cell lymphoid neoplasm**
- (typical marker patterns are presented)
  - Chronic lymphocytic leukemia
  - Diffuse large B-cell lymphoma
  - Follicular lymphoma
  - Hairy cell leukemia
  - Lymphoplasmacytic lymphoma (Waldenström macroglobulinemia)
  - Mantle cell leukemia
  - Marginal zone (splenic, nodal, or extranodal) lymphoma
  - Plasma cell myeloma
  - Prolymphocytic leukemia

**Suspected T-cell lymphoid lineage**
- Acute T-/NK-cell leukemia/lymphoma (typical marker patterns are presented)
  - Precursor T-lymphoblastic leukemia
  - Burkitt lymphoma/leukemia

**Mature T-/NK-cell neoplasm**
- (typical marker patterns are presented)
  - Adult T-cell leukemia/lymphoma
  - Angioimmunoblastic T-cell lymphoma
  - Enteropathy-type T-cell lymphoma
  - Extramedullary NK/T-cell lymphoma
  - Hepatosplenic T-cell lymphoma
  - T-cell large granular lymphocytic leukemia
  - Mycosis fungoides/Sézary syndrome
  - Peripheral T-cell lymphoma, unspecified
  - T-cell prolymphocytic leukemia

**Morphology Evaluation [17734X, 3541X, or 19771X]**
**Chromosome Analysis [14600X, 14601X, or 14602X]**
**B-Cell Gene Rearrangement [14868X or 16119X] and/or T-Cell Gene Rearrangement [15930X or 17862X]**

Test codes are included in brackets. The National Comprehensive Cancer Network (NCCN) defines lymphoid lineage when ≥2 lineage-associated lymphoid markers and <2 myeloid markers are positive. Cyto indicates cytoplasmic; and s, surface.

This figure was developed by Quest Diagnostics based on references 1 and 2. It is provided for informational purposes only and is not intended as medical advice. A physician’s test selection and interpretation, diagnosis, and patient management decisions should be based on his/her education, clinical expertise, and assessment of the patient.