# T,B, and NK Cells

## TBNK

### Collection / Transport

**Collection Requirements:**

Draw one green top (sodium or lithium heparin) or lavender top (EDTA) vacutainer tube. Yellow top (ACD soln A or B) tubes are also acceptable but tube must be appropriately filled (because of liquid anticoagulant) to preserve sample integrity.

**Specimen Preparation:**

Do not centrifuge! Keep at room temp (18-22°C).

**Preferred volume:** 4 mL

**Pediatric Collection:**

**Minimum volume:** 1 mL blood

**Unacceptable Conditions:**

Frozen, clotted, hemolyzed, centrifuged, citrate anticoagulant (blue top), >48 hours old

**Storage Transport Temp:**

Maintain and transport specimens at room temperature (18-22°C). Ship specimens Priority Overnight via Fed Ex in container sufficiently insulated to avoid temperature extremes (<10°C and >37°C).

**Stability:**

48 hours at room temperature (18-22°C).

**Notes:**

CBC with Differential results from within 3 days of draw must also be provided or a lavender top included with required specimen to run CBC at ADx.

**Samples are accepted Monday through noon on Friday.**

### Overview

**Performed:**

Mon-Fri

**Methodology:**

Flow Cytometry
Reported:
2-4 days

Lab Department:
Immunology Lab - Phenotyping Assays

Synonyms:
Lymphocyte enumeration panel; Flow Cytometry (Lymphocyte Phenotyping Panel); Lymphocyte subsets; TBCDC

Related Tests:
TBSBS, CD3SB, CD4M, CD48, NKMK

Result Interpretation

Reference Interval:
Lymphocyte Subset Normal Range Chart

Interpretive Data:
This panel is useful for global immune assessment of T, B and natural killer cell percentages and numbers.

CPT Codes

CPT Code:
86359, 86360, 86355, 86357

Test Name: T, B, and NK Cells
Test Code: TBNK