CD46 Expression

CD46

Collection / Transport

Collection Requirements:
Draw one green top tube (Sodium or Lithium Heparin), or one lavender top tube (EDTA).

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 or centrifuged specimens. Anticoagulants other than heparin or EDTA. Specimens >24 hrs 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:
24 hours at room temperature (18-22°C)

Notes:
Samples must arrive within 24 hours of draw and are accepted Monday through noon on Friday.

Overview

Performed:
Tue-Fri

Methodology:
Flow Cytometry

Reported:
2-4 days

Lab Department:
Immunology Lab - Phenotyping Assays

**Synonyms:**
Membrane Co-factor Protein (CD46), MCP (CD46), CD46, Membrane, Cofactor

**Related Tests:**
FH, FIL

## Result Interpretation

**Reference Interval:**
CD46 is expressed on WBCs of normal individuals.

**Interpretive Data:**
Mutations of genes encoding Factors H and I and the membrane cofactor (MCP or CD46) are associated with atypical hemolytic uremic syndrome (AHUS). Decreased expression of CD46 may be associated with atypical HUS.

## CPT Codes

**CPT Code:**
88184

Test Name: CD46 Expression
Test Code: CD46