

Reporting Title: Cyclosporine, Peak, B**Performing Location:** Rochester**Necessary Information:**

Date of last dose, time of last dose, and dosage information are required.

Specimen Requirements:

Container/Tube: Lavender top (EDTA)

Specimen Volume: 3 mL

Collection Instructions:

1. Do not centrifuge.
2. Send whole blood specimen in original tube. Do not aliquot.

Additional Information: No definitive therapeutic or toxic ranges have been established for this peak testing.

Specimen Minimum Volume:

1 mL

Forms:

If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

-Renal Diagnostics Test Request (T830)

-Therapeutics Test Request (T831)

| Specimen Type | Temperature | Time | Special Container |
|------------------|--------------------------|---------|-------------------|
| Whole Blood EDTA | Refrigerated (preferred) | 14 days | |
| | Ambient | 14 days | |
| | Frozen | 14 days | |

Ask at Order Entry (AOE) Questions:

| Test ID | Question ID | Description | Type | Reportable |
|---------|-------------|-------------------|------------|------------|
| CYCPK | DATEC | Date of last dose | Plain Text | Yes |
| CYCPK | TIMEC | Time of last dose | Plain Text | Yes |
| CYCPK | DOSEC | Dose, mg | Plain Text | Yes |

Result Codes:

| Result ID | Reporting Name | Type | Unit | LOINC® |
|-----------|-----------------------|--------------|-------|---------|
| 42398 | Cyclosporine, Peak, B | Numeric | ng/mL | 53834-8 |
| DATEC | Date of last dose | Alphanumeric | | 29742-4 |
| TIMEC | Time of last dose | Alphanumeric | | 29637-6 |
| DOSEC | Dose, mg | Alphanumeric | | 4207-7 |

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

80158

Reference Values:

No definitive therapeutic or toxic ranges have been established.

Optimal blood drug levels are influenced by type of transplant, patient response, time posttransplant, coadministration of other drugs, and drug formulation.

The following 2-hour postdose cyclosporine ranges are only suggested guidelines:

Kidney transplant: 800-1700 ng/mL

Liver transplant: 600-1000 ng/mL

Target steady-state peak concentrations vary depending on the type of transplant, concomitant immunosuppression, clinical/institutional protocols, and time posttransplant. Results should be interpreted in conjunction with this clinical information and any physical signs/symptoms of rejection/toxicity.