

## **NEW TEST ANNOUNCEMENT**

**NOTIFICATION DATE:** May 30, 2013 **EFFECTIVE DATE:** May 30, 2013

## CYCLOSPORINE, BLOOD Test ID:CYSPR

**EXPLANATION**: Due to file definition changes, this new test orderable will be replacing the current orderable, CYCSP, Cyclosporine, Blood.

## **USEFUL FOR:**

- Monitoring whole blood cyclosporine concentration during therapy, particularly in individuals co-administered CYP3A4 substrates, inhibitors, or inducers.
- Adjusting dose to optimize immunosuppression while minimizing toxicity
- Evaluating patient compliance.

**METHODOLOGY**: High-Performance Liquid Chromatography-Tandem Mass Spectrometry (HPLC-MS/MS)

REFERENCE VALUES: 100-400 ng/mL

**SPECIMEN REQUIREMENTS:** 

**Container/Tube:** Lavender top (EDTA)

**Specimen Volume:** 3 mL

**Collection Instructions:** 1. Draw specimen immediately before a scheduled dose.

2. **Do not** centrifuge.

3. Send specimen in original tube.

Minimum Volume: 1 mL

**NOTE:** Therapeutic range applies to trough specimens drawn immediately prior to a.m. dose.

## **SPECIMEN STABILITY INFORMATION:**

Specimen Type	Temperature	Time
Whole Blood EDTA	Refrigerated (preferred)	14 days
	Ambient	14 days
	Frozen	14 days

**CAUTIONS:** The recommended therapeutic ranges described above apply to trough specimens drawn just before a dose. Blood drawn at other times will yield higher results.

**CPT CODE**: 80158

**DAY(S) SET UP:** Monday-Sunday; 1 p.m. **ANALYTIC TIME:** Same day/1 day

NOTE: The following test code will become obsolete effective June 27, 2013.

Test Name	Test ID	MML Secondary code
Cyclosporine, Blood	CYCSP	8931

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or Jim Nielsen, MML Laboratory Technologist Resource Coordinator

Telephone: 800-533-1710