

REFERRAL TEST UPDATE

NOTIFICATION DATE: October 6, 2010 **EFFECTIVE DATE:** October 18, 2010

ANTIFUNGAL SERUM LEVEL, AMPHOTERICIN B #80429

EXPLANATION OF CHANGE: Effective October 18, 2010, Unit Code 80429, referred to Focus Diagnostics, Inc., will reflect the following updates.

	CURRENT	New
Specimen	Draw blood in a plain, red-top	Draw blood in a plain, red-top
requirements:	tube(s). (Serum gel tube is not	tube(s). (Serum gel tube is not
	acceptable.) Spin down and send 1	acceptable.) Spin down and send
	mL of serum frozen in amber vial	2 mL of serum frozen in amber
	(Mayo Supply T192) to protect	vial (Mayo Supply T192) to
	specimen from light.	protect specimen from light.
	Note: Sulindac may interfere with	
	this assay.	
Reporting Title:	Antifungal S Level, Amphotericin B	Amphotericin B
Test Parameter:	80429 - Amphotericin B Level by	80429 – Amphotericin B
	HPLC	
Reference	Normal Peak Therapeutic Levels:	Amphotericin B steady-state
Range:		peak levels after intravenous
	Nonliposomal Amphotericin B	administration:
	0.5 - 3.5 ug/mL	
		Mean adult peak level (3
	Liposomal Amphotericin B	mg/kg as sulfate): 2.6 mcg/mL
	2.5 mg/Kg dose 13 - 49 ug/mL	Mean adult peak level (4
	5.0 mg/Kg dose 48 - 118 ug/mL	mg/kg as sulfate): 2.9 mcg/mL
		Mean adult peak level (1
		mg/kg as lipid): 12.2 mcg/mL
		Mean adult peak level (2.5
		mg/kg as lipid): 31.4 mcg/mL
		Mean adult peak level (5
		mg/kg as lipid): 83.0 mcg/mL

QUESTIONS: Contact Mayo Medical Laboratories

Telephone: 800-533-1710