



TECHNICAL BULLETIN

NEW STATUS – RESUME TESTING

NOTIFICATION DATE: 03/31/2022

EFFECTIVE DATE: 04/01/2022

Free (Unbound) Drug Concentrations Update

Northwell Health Laboratories would like to inform you that testing will resume for **Dilantin (Phenytoin), Free (DILFREE)**, **Carbamazepine, Free (CARBFREE)**, and **Valproic Acid, Free (VALPF)** and be performed by the Quest Diagnostics Nichols Institute with changes in methodology and reference ranges noted below. There are no changes in the test codes.

Test Requirements	Dilantin (Phenytoin), Free		Carbamazepine, Free		Valproic Acid, Free	
	New	Previous	New	Previous	New	Previous
Methodology	Ultrafiltration Immunoassay	Ultrafiltrate assayed by Immunoassay	Chromatography/ Mass spectrometry	Ultrafiltration; Immunoassay	Immunoassay	Immunoassay
Reference Range	1.0-2.0 mg/L	1.0-2.0 mcg/mL	1.0-3.0 mcg/mL	0.6-4.2 µg/mL	4.8-17.3 mg/L	6.0-22.0 µg/mL
Computer Interface Code	PDM #5902380		PDM #1559703		PDM #5400266	
Test Code	DILFREE		CARBFREE		VALPF	

If you have any questions, please contact Client Services at (516) 719-1100.