

Therapeutic Drug Monitoring (TDM) Pricing and Sample Collection Protocols

Valid until October 31, 2023

Drugs	Sample required (No separator gel)	Collection time (Post-dose)		Day Run	Price		Method	Ship on ice	Notes
		Peak	Trough			Single			Peak & Trough
Anti-epileptics									
Bromide	0.5 mL Serum /Plasma	BND		T, R	\$48		Gold chloride	No	
Gabapentin	0.5 mL Serum /Plasma	2 hrs	BND	As received	\$70	\$105	Immunoassay	No	
Levetiracetam (Keppra®)	0.5 mL Serum (NO plasma)	2 hrs	BND	T, R	\$70	\$105	Immunoassay	No	Please draw in a red top tube, allow time to clot, spin down, draw off, and send the serum. Only serum provides the cleanest sample and, therefore, the most accurate results.
Phenobarbital	0.5 mL Serum /Plasma	2 hrs	BND	T, W, R, F	\$30	\$42	Immunoassay	No	Fasting sample recommended
Phenytoin (Dilantin®)	0.5 mL Serum /Plasma	BND		As received	\$50	\$75	Immunoassay	Yes	Fasting sample recommended
Valproic acid	0.5 mL Serum /Plasma	2 hrs	BND	As received	\$50	\$75	Immunoassay	Yes	
Zonisamide	0.5 mL Serum /Plasma	2 hrs	BND	T, W, R, F	\$70	\$105	Immunoassay	No	Serum or plasma should be separated from red blood cells as soon as possible. Excessive hemolysis may interfere with the assay.
Immunomodulators									
Cyclosporine	0.5 mL EDTA whole blood (purple top)	1.5–2 hrs	BND	W, F	\$55	\$95	Immunoassay	No	Recommend peak & trough the first time to establish a half-life. A level may be too low to detect if a sample is drawn >12 hours post-dose.
Leflunomide	0.5 mL Serum /Plasma		BND	Every other Monday	\$90	\$105	HPLC	No	
Mycophenolate (Mycophenolic acid)	0.5 mL Plasma	1 – 2 hrs	BND	W, F	\$75	\$120	Immunoassay	Yes	Recommend peak & trough the first time to establish a half-life. A level may be too low to detect if a sample is drawn >12 hours post-dose.
Antimicrobials									
Amikacin	0.5 mL Serum /Plasma	1 hr	BND (for toxicity)	As received	\$105	\$130	Immunoassay	Yes	No glass tube
			4-6 hrs (for half-life)						

Gentamicin	0.5 mL Serum /Plasma	2 hrs	BND	As received	\$50	\$75	Immunoassay	Yes	
Vancomycin	0.5 mL Serum /Plasma	2 hrs	BND	As received	\$50	\$75	Immunoassay	Yes	Fasting sample recommended
Antifungals									
Itraconazole	0.5 mL Serum /Plasma	3-4 hrs	BND	As received	\$105	\$130	HPLC	No	
Voriconazole	0.5 mL Serum /Plasma	3-4 hrs	BND	As received	\$85	\$100	HPLC	No	
Others									
Digoxin	0.5 mL Serum /Plasma	1.5-2 hrs	BND	As received	\$50	\$75	Immunoassay	Yes	
Lidocaine	0.5 mL Serum /Plasma	2-4 hrs	BND	As received	\$50	\$75	Immunoassay	Yes	
Procainamide	0.5 mL Serum /Plasma			As received	\$50	\$75	Immunoassay	Yes	
Theophylline	0.5 mL Serum /Plasma	2 hrs		As received	\$50	\$75	Immunoassay	Yes	
	Preferred sample if only one is submitted						BND = Before the next dose		

Most tests (except cyclosporine) require 0.5 mL serum or plasma. Transfer separated serum or plasma to a plastic transport tube.
Do not use a gel barrier tube. The use of gel-barrier tubes is not recommended due to the slow absorption of the drug by the gel. Depending on the specimen volume and storage times, the decrease in drug level due to absorption may affect a test result and interpretation. Please do not freeze samples.