

Drugs	Commercial name	Abbreviatio n	Class	Illness	Routine	Response Days	Matrix	Alternative Matrix
Abacavir	<i>Ziagen, Kivexa (o Epzicom), Amikacin Amikacina Teva</i>	ABC	NRTIs	HIV	X	5	Plasma	
Amikacin		AMK	Antibiotics	Infection			Plasma	
AMISULPRIDE	<i>e.g.: Abis, Losedin, Makadip, Norvasc, Bivis, Duotens</i>	AML	Antihypertensive (Calcium antagonist)	Hypertensio n	X	5	Plasma	
Amlodipine					X	7	Plasma	Urine
Amphotericin-B	<i>Amphotericin-B, Fungilin</i>	AMB	Antibiotics	Infection			Plasma	
Amprenavir	<i>Agenerase</i>	APV	Pis	HIV	X	5	Plasma	PBMC/DSSD
Anidulafungin	<i>Ecalta</i>	ANID	Antifungals	Infection			Plasma	
ARIPIRAZOLO	<i>Reyataz</i>	ATV	Pis	HIV	X	5	Plasma	
Atazanavir					X	5	Plasma	PBMC/DSSD
Atenolol	<i>e.g.: Atenol, Tenormin, Carmian, Clortanol, Tenoretic, Normopress</i>	ATE	Antihypertensive (β -blocker)	Hypertensio n	X	7	Plasma	Urine
Buprenorfine	<i>Subutex</i>	BUP	opioid addiction	Tox	X	5	Plasma	
Caspofungin	<i>Caspofungin, Cancidas</i>	CASP	Antifungals	Infection	X	5	Plasma	
Ceftaroline	<i>Ceftaroline Fosamil, Teflaro</i>	CFTR	Antibiotics	Infection			Plasma	
Ceftazidime	<i>Glazidim, Spectrum</i>	CFZD	Antibiotics	Infection			Plasma	
Ceftobiprole	<i>Zevtera</i>	CEFTO	Antibiotics	Infection			Plasma	
Ceftriaxone	<i>Rocefin</i>	CFTX	Antibiotics	Infection			Plasma	
CHLORPROMAZINE	<i>e.g.: Igroton, Eupres, Target, Tenoretic</i>	CHL	Antihypertensive (Diuretic)	Hypertensio n		5	Plasma	
Chlortalidone					X	7	Plasma	Urine
Choline					<	<	Endogen compound	<
Ciprofloxacin	<i>Ciprofloxacin</i>	CIPRO	Antibiotics	Infection			Plasma	
Clonidine	<i>e.g.: Catapresan</i>	CLN	Antihypertensive (α 2- neuroleptic)	Hypertensio n	X	7	Plasma	Urine
CLOZAPINE	<i>Tybost/Stribild</i>	CBT	Booster	HIV	X	5	Plasma	
Cobicistat					X	5	Plasma	PBMC/DSSD
Colistin (polymyxin E)	<i>Colimicina</i>	COLI	Antibiotics	Infection			Plasma	
Daclatasvir	<i>Daklinea</i>	DAC	DAAs	HCV	X	5	Plasma	PBMC/DSSD
Daptomycin	<i>Cubicin</i>	DAPTO	Antibiotics	Infection	X	5	Plasma	
Darunavir	<i>Prezista</i>	DRV	Pis	HIV	X	5	Plasma	PBMC/DSSD
Dasabuvir	<i>Exviera</i>	DBV	DAAs	HCV	X	5	Plasma	PBMC
Dasatinib	<i>Sprycel</i>	DAS	TKIs	Leukemia			Plasma	DSSD
DEHYDROARIPIRAZOL	<i>Tivicay</i>	DLG	IIs	HIV	X	5	Plasma	
DESMETHYLOLANZAPI					X	5	Plasma	
Dolutegravir					X	5	Plasma	PBMC/DSSD

Doripenem	<i>Doribax</i>	DRP	Antibiotics	Infection			Plasma	
Doxazosin	<i>e.g.: Cardura, Noradox, Normothen, Saidox</i>	DOX	Antihypertensive (α 1-antagonist)	Hypertension	X	7	Plasma	Urine
Efavirenz	<i>Sustiva</i>	EFV	NNRTIs	HIV	X	5	Plasma	PBMC/DSSD
Elvitegravir	<i>Vitekta/Stribild</i>	ELV/EVG	IIs	HIV	X	5	Plasma	PBMC/DSSD
Emtricitabine	<i>Emtriva, Truvada</i>	FTC	NRTIs	HIV	X	5	Plasma	
Entecavir	<i>Baraclude</i>	ETC	Nuc	HBV	X	10	Plasma	
Ertapenem	<i>Ertapenem, Invanz</i>	ERP	Antibiotics	Infection	X	5	Plasma	PBMC
Ethambutol	<i>Etapiam</i>	EMB	Antituberculars	TBC	X	5	Plasma	PBMC
Etravirine	<i>Intelece</i>	ETV	NNRTIs	HIV	X	5	Plasma	PBMC/DSSD
Everolimus	<i>Afinitor</i>	EVE	Immuno	Transplant				PBMC
FK-506, Tacrolimus	<i>Advagraf</i>	TAC	Immuno	Transplant				PBMC
Fluconazole	<i>Diflucan, Elazor, Flukimex</i>	FLU	Antifungal	Infection	X	5	Plasma	
Fosamprenavir	<i>Telzir</i>	fosAPV o APV	Pis	HIV	X	5	Plasma	PBMC/DSSD
Fropenem	<i>Fropenem</i>	FRP	Antibiotics	Infection			Plasma	
Ganciclovir	<i>Citovirax</i>	GVC	Antiviral	Infection	X	5	Plasma	
Gentamicin	<i>Gentalyn, Gentalyn Beta</i>	GET	Antibiotics	Infection			Plasma	PBMC
HALOPERIDOL			neuroleptic	-	X	5	Plasma	
Hydrochlorothiazide	<i>e.g.: Esidrex, Moduretic, Losazid, Olprezide, Micardisplus,</i>	HCTZ	Antihypertensive (Diuretic)	Hypertension	X	7	Plasma	Urine
Imatinib	<i>Glyvec</i>	IM	TKIs	Leukemia			Plasma	DSSD
Imipenem	<i>Imipenem</i>	IMP	Antibiotics	Infection			Plasma	PBMC
Isavuconazole	<i>Cresemba</i>	ISV	Antifungals	Infection	X	5	Plasma	
Isoniazid	<i>Nicosid</i>	INH	Antituberculars	TBC	X	5	Plasma	
Itraconazole	<i>Triasporin, SPORANOX</i>	ITC	Antifungals	Infection	X	5	Plasma	DSSD
Lamivudine	<i>Epivir, Kivexa (o Epzicom), Trizivir, Combivir</i>	3TC	NRTIs	HIV	X	5	Plasma	
L-Carnitine	<	<	Endogen compound	<			Plasma	Urine
Ledipasvir	<i>Harvoni</i>	LDV	DAAAs	HCV	X	5	Plasma	PBMC
Levofloxacin	<i>Levoxacin, Tavanic</i>	LEVO	Antibiotics	Infection	X	5	Plasma	
LEVOMEPRMAZINE			neuroleptic	-	X	5	Plasma	
Linezolid	<i>Linezolid, Zyvox</i>	LZD	Antibiotics	Infection	X	5	Plasma	PBMC
Lopinavir	<i>Kaletra</i>	LPV	Pis	HIV	X	5	Plasma	PBMC/DSSD
Maraviroc	<i>Selzentry, Celsentri</i>	MVC	CCR5I	HIV	X	5	Plasma	PBMC/DSSD
MELPERONE			neuroleptic	-	X	5	Plasma	
Meropenem	<i>Meropenem</i>	MRP	Antibiotics	Infection	X	5	Plasma	
Methadone	<i>Polamidon, Eptadone, Dolophine</i>	MET	synthetic opioid	Tox	X	5	Plasma	
Moxifloxacin	<i>Avalox</i>	MOXI	Antibiotics	Infection	X	5	Plasma	PBMC

N-Desmetil-Imatinib	<i>N-Desmetil-Imatinib</i>	DES-IM	TKIs	Leukemia			Plasma	DSSD
Nevirapine	<i>Viramune</i>	NVP	NNRTIs	HIV	X	5	Plasma	PBMC/DSSD
Nifedipine	<i>e.g.: Adalat, Amarkor, Coral, Nifedidor, Anrolin</i>	NFD	Antihypertensive (Calcium antagonist)	Hypertension	X	7	Plasma	Urine
Nilotinib	<i>Tasigna</i>	NIL	TKIs	Leukemia			Plasma	DSSD
NORCLOZAPINE			neuroleptic	-	X	5	Plasma	
NORQUIETAPINE			neuroleptic	-	X	5	Plasma	
OLANZAPINE			neuroleptic	-	X	5	Plasma	
Olmesartan	<i>e.g.: Olmetec, Olpress, Bivis, Olprezide</i>	OLM	Antihypertensive (Sartan/angiotensin-receptor blocker)	Hypertension	X	7	Plasma	Urine
Ombitasvir	<i>Viekirax</i>	OMB	DAAs	HCV	X	5	Plasma	PBMC
PALIPERIDONE			neuroleptic	-	X	5	Plasma	
Paritaprevir	<i>Viekirax</i>	PAR	DAAs	HCV	X	5	Plasma	PBMC
PERAZINE			neuroleptic	-	X	5	Plasma	
PIPAMPERONE			neuroleptic	-	X	5	Plasma	
Ponatinib	<i>Iclusig</i>	PON	TKIs	Leukemia			Plasma	PBMC/DSSD
Posaconazole	<i>Posaconazole, Noxafil</i>	PSC	Antifungals	Infection	X	5	Plasma	PBMC/DSSD
PROMETHAZINE			neuroleptic	-	X	5	Plasma	
PROTHIPENDYL			neuroleptic	-	X	5	Plasma	
Pyrazinamide	<i>Piraldina</i>	PZA	Antituberculars	TBC	X	5	Plasma	PBMC
QUETIAPINE			neuroleptic	-	X	5	Plasma	
Raltegravir	<i>sentress</i>	RGV	lis	HIV	X	5	Plasma	PBMC/DSSD
Ramipril	<i>e.g.: Norapril, Ramicor, Triatec, Icomb, Triamlo</i>	RAM	Antihypertensive (ACE-inhibitor)	Hypertension	X	7	Plasma	Urine
Ribavirine	<i>Rebetol</i>	RBV	No-DAAs	HCV	X	5	Plasma	PBMC
Rifabutin	<i>Crixivan</i>	RFB	Antituberculars	TBC			Plasma	PBMC
Rifampicin	<i>Rifadin</i>	RFP	Antituberculars	TBC	X	5	Plasma	
Rilpivirine	<i>Edurant</i>	RPV	NNRTIs	HIV	X	5	Plasma	PBMC
RISPERIDONE			neuroleptic	-	X	5	Plasma	
Ritonavir	<i>Norvir, Kaletra</i>	RTV	Pis	HIV	X	5	Plasma	PBMC/DSSD
SERTINDOLE			neuroleptic	-	X	5	Plasma	
Simeprevir	<i>Olysio</i>	SIM	DAAs	HCV	X	5	Plasma	
Sofosbuvir	<i>Sovaldi</i>	SOF	DAAs	HCV	X	5	Plasma	PBMC
Sofosbuvir Metab	<i>GS 331007</i>	GS-SOF	DAAs	HCV	X	5	Plasma	PBMC
SULPIRIDE			neuroleptic	-	X	5	Plasma	
Teicoplanin	<i>Targosid</i>	TEC	Antibiotics	Infection			Plasma	
Telaprevir	<i>Incivo</i>	TEL	DAAs	HCV			Plasma	PBMC

Telbivudina	<i>Sebivo</i>	TBV	Nuc	HBV	X	5	Plasma	
Telmisartan	<i>e.g.: Micardis, Pritor, Tolura, Micardisplus</i>	TEL	Antihypertensive (Sartan/angiotensin-receptor blocker)	Hypertension	X	7	Plasma	Urine
Tenofovir/TAF	<i>Viread, Truvada</i>	TDF/TAF	NRTIs	HIV	X	5	Plasma	
THIORIDAZINE			neuroleptic	-	X	5	Plasma	
Tigecycline	<i>Tigecycline, Tigacyl</i>	TIGE	Antibiotics	Infection			Plasma	
Tipranavir	<i>Aptivus</i>	TPV	Pis	HIV	X	5	Plasma	
TMAO	<	TMAO	Endogen compound	<			Plasma	Urine
Vancomycin	<i>Vancomycin</i>	VAC	Antibiotics	Infection			Plasma	
Voriconazole	<i>Voriconazolo, Vfend</i>	VRC	Antifungals	Infection	X	5	Plasma	PBMC/DSSD
Zidovudina	<i>Retrovir, Trizivir, Combivir</i>	AZT o ZDV	NRTIs	HIV	X	5	Plasma	
ZIPRASIDONE			neuroleptic	-	X	5	Plasma	
ZOTEPINE			neuroleptic	-	X	5	Plasma	
ZUCLOPENTHIXOL			neuroleptic	-	X	5	Plasma	