

# ROUTINE

<i>Drugs</i>	<i>Abbreviation</i>	<i>Class</i>	<i>Response Days (max)</i>	<i>Matrix</i>	<i>Tube</i>	<i>Minimum volume</i>	<i>Alternative Matrix</i>
5-Flucitosine	5-FLU	Antifungals	5	Plasma	LH	1 mL	
Abacavir	ABC	NRTIs	5	Plasma	LH	1 mL	
Amisulpride	AMI	neuroleptic	5	Plasma	LH	1 mL	
Anidulafungin	ANID	Antifungals	5	Plasma	LH	1 mL	
Aripiprazole	ARP	neuroleptic	5	Plasma	LH	1 mL	
Atazanavir	ATV	Pis	5	Plasma	LH	1 mL	DSSD
Avibactam	AVI	Antibiotics	5	Plasma	LH	1 mL	
Bictegravir	BIC	NNRTIs	5	Plasma	LH	1 mL	DSSD
Cabotegravir	CABO	NNRTIs	5	Plasma	LH	1 mL	DSSD
Caspofungin	CASPO	Antifungals	5	Plasma	LH	1 mL	
Cefiderocol	CFDC	Antibiotics	5	Plasma	LH	1 mL	
Ceftaroline	CFRL	Antibiotics	5	Plasma	LH	1 mL	
Ceftazidime	CFZM	Antibiotics	5	Plasma	LH	1 mL	
Ceftobiprole	CTFB	Antibiotics	5	Plasma	LH	1 mL	
Ceftolozane	CFTLZ	Antibiotics	5	Plasma	LH	1 mL	
Ceftriaxone	CFTX	Antibiotics	5	Plasma	LH	1 mL	
Chlorpromazine	CPZ	neuroleptic	5	Plasma	LH	1 mL	
Chlorprothixene	CPX	neuroleptic	5	Plasma	LH	1 mL	
Clozapine	CLZ	neuroleptic	5	Plasma	LH	1 mL	
Cobicistat	CBT	Booster	5	Plasma	LH	1 mL	
Dalbavancin	DALBA	Antibiotics	5	Plasma	LH	1 mL	
Daptomycin	DAPTO	Antibiotics	5	Plasma	LH	1 mL	
Darunavir	DRV	Pis	5	Plasma	LH	1 mL	DSSD
Dehydroaripiprazole	DHP	neuroleptic	5	Plasma	LH	1 mL	
Desmethylolanzapine	DMZ	neuroleptic	5	Plasma	LH	1 mL	
Dolutegravir	DLG	IIs	5	Plasma	LH	1 mL	DSSD
Doravirine	DORA	NNRTIs	5	Plasma	LH	1 mL	DSSD
Efavirenz	EFV	NNRTIs	5	Plasma	LH	1 mL	DSSD
Elvitegravir	ELV/EVG	IIs	5	Plasma	LH	1 mL	
Emtricitabine	FTC	NRTIs	5	Plasma	LH	1 mL	
Ertapenem	ERT	Antibiotics	5	Plasma	LH	1 mL	
Ethambutol	EMB	Antituberculars	5	Plasma	LH	1 mL	
Etravirine	ETV	NNRTIs	5	Plasma	LH	1 mL	DSSD
Fluconazole	FLU	Antifungal	5	Plasma	LH	1 mL	
Haloperidol	ALO	neuroleptic	5	Plasma	LH	1 mL	
Isavuconazole	ISV	Antifungals	5	Plasma	LH	1 mL	
Isoniazid	INH	Antituberculars	5	Plasma	LH	1 mL	
Itraconazole	ITC	Antifungals	5	Plasma	LH	1 mL	
Ketokonazole	KETO	Antifungals	5	Plasma	LH	1 mL	
Lamivudine	3TC	NRTIs	5	Plasma	LH	1 mL	
Levofloxacin	LEVO	Antibiotics	5	Plasma	LH	1 mL	
Levomepromazine		neuroleptic	5	Plasma	LH	1 mL	
Linezolid	LZD	Antibiotics	5	Plasma	LH	1 mL	
Lopinavir	LPV	Pis	5	Plasma	LH	1 mL	
Maraviroc	MVC	CCR5I	5	Plasma	LH	1 mL	
Melperone	MEL	neuroleptic	5	Plasma	LH	1 mL	
Meropenem	MRP	Antibiotics	5	Plasma	LH	1 mL	
Moxifloxacin	MOXI	Antibiotics	5	Plasma	LH	1 mL	
Nevirapine	NVP	NNRTIs	5	Plasma	LH	1 mL	DSSD
Norclozapine	NCLZ	neuroleptic	5	Plasma	LH	1 mL	
Norquetapine	NQUE	neuroleptic	5	Plasma	LH	1 mL	
Olanzapine	OLA	neuroleptic	5	Plasma	LH	1 mL	
Oritavancin	ORITA	Antibiotics	5	Plasma	LH	1 mL	
Paliperidone	PAL	neuroleptic	5	Plasma	LH	1 mL	
Perazine	PRZ	neuroleptic	5	Plasma	LH	1 mL	
Pipamperone	PIP	neuroleptic	5	Plasma	LH	1 mL	
Piperacillin	PIP	Antibiotics	5	Plasma	LH	1 mL	
Posaconazole	PSC	Antifungals	5	Plasma	LH	1 mL	
Promethazine	PMZ	neuroleptic	5	Plasma	LH	1 mL	
Prothipendyl	PTP	neuroleptic	5	Plasma	LH	1 mL	
Pyrazinamide	PZA	Antituberculars	5	Plasma	LH	1 mL	

Quetiapine	QUE	neuroleptic	5	Plasma	LH	1 mL	
Raltegravir	RGV	IIs	5	Plasma	LH	1 mL	DSSD
Rifabutin	RFB	Antituberculars	5	Plasma	LH	1 mL	
Rifampicin	RFP	Antituberculars	5	Plasma	LH	1 mL	
Rilpivirine	RPV	NNRTIs	5	Plasma	LH	1 mL	DSSD
Risperidone	RSP	neuroleptic	5	Plasma	LH	1 mL	
Ritonavir	RTV	Pis	5	Plasma	LH	1 mL	DSSD
Sertindole	SER	neuroleptic	5	Plasma	LH	1 mL	
Sulbactam	SBC	Antibiotics	5	Plasma	LH	1 mL	
Sulpride	SUL	neuroleptic	5	Plasma	LH	1 mL	
Tazobactam	TAZ	Antibiotics	5	Plasma	LH	1 mL	
Tedizolid	TDZ	Antibiotics	5	Plasma	LH	1 mL	
Temsavir	TEM	NNRTIs	7	Plasma	LH	1 mL	
Tenofovir/TAF	TDF/TAF	NRTIs	5	Plasma	LH	1 mL	Urine
Vaborbactam	VABO	Antibiotics	5	Plasma	LH	1 mL	
Vancomycin	VANCO	Antibiotics	5	Plasma	LH	1 mL	
Voriconazole	VRC	Antifungals	5	Plasma	LH	1 mL	
Zidovudine	AZT o ZDV	NRTIs	5	Plasma	LH	1 mL	
Ziprasidone	ZIP	neuroleptic	5	Plasma	LH	1 mL	
Zotepine	ZTP	neuroleptic	5	Plasma	LH	1 mL	
Zuclopenthixol	ZUC	neuroleptic	5	Plasma	LH	1 mL	
Bulevirtide	BULE	Antiviral	7	Plasma	LH	1mL	

The following drugs are not routinely analyzed in our laboratory and their TDM service is not available, but we already have experience in their quantification

Therefore, their quantification may be performed for scientific collaborations, after a specific agreement with the laboratory staff

The time needed for the analysis cannot be determined "a priori".

Please do not send TDM requests before contacting the laboratory

## RESEARCH

Drugs	Abbreviation	Class	Matrix	Tube
Atazanavir	ATV	Pis	PBMC	CPT
Azithromycin	AZITRO	NTMs	Plasma	LH
Baricitinib	BARI	Jak-i	Plasma	LH
Bictegravir	BIC	NNRTIs	PBMC	CPT
Bedaquiline	BEDA	NTMs	Plasma	LH
Bisoprololo	BISO	Antihypertensive (β-sympathomimetic)	Plasma	LH
Buprenorfine	BUP	opioid addiction	Plasma	LH
Clarithromycin	CLA	NTMs	Plasma	LH
Clofazimine	CLOFA	NTMs	Plasma	LH
Cabotegravir	CABO	NNRTIs	PBMC	CPT
Candesartan	CAND	Antihypertensive (Angiotensin II receptor antagonist)	Plasma	LH
Cefazoline	CZN	Antibiotics	Plasma	LH
Cobicistat	CBT	Booster	PBMC	CPT
Dalbavancin	DBV	Antibiotics	PBMC	CPT
Darunavir	DRV	Pis	PBMC	CPT
Dasatinib	DAS	TKIs	Plasma DSSD	EDTA /
Dolutegravir	DLG	IIs	PBMC	CPT
Doravirine	DORA	NNRTIs	PBMC	CPT
Doripenem	DRP	Antibiotics	Plasma	LH
Efavirenz	EFV	NNRTIs	PBMC	CPT
Elvitegravir	ELV/EVG	IIs	PBMC	CPT
Emtricitabine	FTC	NRTIs	PBMC	CPT
Entecavir	ETC	Nuc	Plasma	LH
Ertapenem	ERP	Antibiotics	Plasma PBMC	LH CPT
Ethambutol	EMB	Antituberculars	PBMC	CPT
Everolimus	EVE	Immuno	PBMC	CPT
Etravirine	ETV	NNRTIs	PBMC	CPT
Filgotinib	FILGO	Jak-i	Plasma	LH
FK-506, Tacrolimus	TAC	Immuno	PBMC	CPT
Fosfomycin	FOSFO	Antibiotics	Plasma	LH

<b>Fropenem</b>	<b>FRP</b>	Antibiotics	Plasma	LH
<b>Ganciclovir</b>	<b>GVC</b>	Antiviral	Plasma	LH
<b>Gentamicin</b>	<b>GET</b>	Antibiotics	Plasma	LH
			PBMC	CPT
<b>Imatinib</b>	<b>IM</b>	TKIs	Plasma	LH
			DSSD	/
<b>Imipenem</b>	<b>IMP</b>	Antibiotics	Plasma	LH
			PBMC	CPT
<b>Islatravir</b>	<b>ISL</b>	NRTIs	Plasma	LH
<b>Lenacapavir</b>	<b>LENA</b>	capsid inhibitor	Plasma	LH
<b>Lopinavir</b>	<b>LPV</b>	Pis	PBMC	CPT
<b>Maraviroc</b>	<b>MVC</b>	CCR5I	PBMC	CPT
<b>Methadone</b>	<b>MET</b>	sintetic opioid	Plasma	LH
<b>N-Desmetil-Imatinib</b>	<b>DES-IM</b>	TKIs	Plasma	LH
			DSSD	/
<b>Nevirapine</b>	<b>NVP</b>	NNRTIs	PBMC	CPT
<b>Nilotinib</b>	<b>NIL</b>	TKIs	Plasma	LH
			DSSD	/
<b>Nivolumab</b>	<b>NIV</b>	Monoclonal	Plasma	EDTA/LH
			Siero	/
<b>Ponatinib</b>	<b>PON</b>	TKIs	Plasma	LH
			PBMC	CPT
			DSSD	/
<b>Pretomanid</b>	<b>PRE</b>	NTMs	Plasma	LH
<b>Raltegravir</b>	<b>RGV</b>	lis	PBMC	CPT
<b>Ribavirine</b>	<b>RBV</b>	No-DAAAs	Plasma	LH
<b>Rilpivirine</b>	<b>RPV</b>	NNRTIs	PBMC	CPT
<b>Ritonavir</b>	<b>RTV</b>	Pis	PBMC	CPT
<b>Ruxolitinib</b>	<b>RUXO</b>	Jak-i	Plasma	LH
<b>Teicoplanin</b>	<b>TEC</b>	Antibiotics	Plasma	LH
<b>Temsavir</b>	<b>TEM</b>	NNRTIs	PBMC	CPT
<b>Tenofovir/TAF</b>	<b>TDF/TAF</b>	NRTIs	PBMC	CPT
<b>TMAO</b>	<b>TMAO</b>	Endogen compound	Plasma	LH
			Urine	/
<b>Upadacitinib</b>	<b>UPA</b>	Jak-i	Plasma	LH
<b>Venetoclax</b>	<b>VEN</b>	BCL-2 inhibitor	Plasma	LH
<b>Vitamin D</b>	<b>Vit. D</b>	Vitamin	Plasma	EDTA/LH
<b>5-Fluorouracile</b>	<b>5-FU</b>	ANTI-CANCER	Plasma	
<b>11-Idrossi-Tetrahydrocannabinol</b>	<b>11-OH-THC</b>	Cannabinoid	Plasma	EDTA
<b>Cannabidiol</b>	<b>CBD</b>	Cannabinoid	Plasma	EDTA
<b>Carbossi-Tetrahydrocannabinol</b>	<b>THC-COOH</b>	Cannabinoid	Plasma	EDTA
<b>Tetrahydrocannabinol</b>	<b>THC</b>	Cannabinoid	Plasma	EDTA
<b>Tofacitinib</b>	<b>TOFA</b>	Jak-i	Plasma	LH
<b>Amlodipine</b>	<b>AML</b>	Antihypertensive (Calcium antagonist)	Plasma/urine spot	LH
<b>Atenolol</b>	<b>ATE</b>	Antihypertensive ( $\beta$ -blocker)	Plasma/Urine	LH
<b>Canrenone</b>	<b>CAN</b>	Antihypertensive	Urine	/
<b>Chlortalidone</b>	<b>CHL</b>	Antihypertensive (Diuretic)	Plasma/Urine	LH
<b>Clonidine</b>	<b>CLN</b>	Antihypertensive ( $\alpha$ 2-agonist)	Plasma/Urine	LH
<b>Doxazosin</b>	<b>DOX</b>	Antihypertensive ( $\alpha$ 1-antagonist)	Plasma/Urine	LH
<b>Hydrochlorothiazide</b>	<b>HCTZ</b>	Antihypertensive (Diuretic)	Plasma/Urine	LH
<b>Nebivolol</b>	<b>NVB</b>	Antihypertensive	Plasma/Urine	LH
<b>Nifedipine</b>	<b>NFD</b>	Antihypertensive (Calcium antagonist)	Plasma/Urine	LH
<b>Olmесartan</b>	<b>OLM</b>	Antihypertensive (Sartan/angiotensin-receptor)	Plasma/Urine	LH

<b>Ramipril/Ramiprilat</b>	<b>RAM</b>	Antihypertensive (ACE-inhibitor)	Plasma/Urine	LH
<b>Sacubitril/Sacubitrilat</b>	<b>SCB</b>	Antihypertensive	Plasma/Urine	LH
<b>Spironolactone</b>	<b>SPIRO</b>	Antihypertensive	Urine	/
<b>Telmisartan</b>	<b>TEL</b>	Antihypertensive (Sartan/angiotensin-receptor)	Plasma/Urine	LH
<b>Valsartan</b>	<b>VAL</b>	Antihypertensive	Plasma/Urine	LH
<b>Indapamide</b>	<b>IDP</b>	Antihypertensive	Plasma/Urine	LH
<b>Candesartan</b>	<b>CAND</b>	Antihypertensive (Sartan/angiotensin-receptor)	Plasma	LH
<b>Bisoprololo</b>	<b>BISO</b>		Plasma	LH
<b>Lacidipina</b>	<b>LACI</b>	Antihypertensive (Calcium antagonist)	Plasma	LH
<b>Lercanidipina</b>	<b>LERCA</b>	Antihypertensive (Calcium antagonist)	Plasma	LH
<b>Barnidipina</b>	<b>BARNI</b>	Antihypertensive (Calcium antagonist)	Plasma	LH
<b>Remdesivir and GS-441524</b>	<b>RDV/GS-441524</b>	Antiviral	Plasma	LH
<b>Remdesivir-TP (GS-443902)</b>	<b>RDV-TP</b>	Antiviral	PBMC	CPT
<b>Micafungin</b>	<b>MICA</b>	Antifungals	Plasma	LH