



DRUG PLASMA LEVEL QUANTIFICATION BY LC-MS/MS | CATALOGUE 2024

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Drugs	Trademark (examples)	TDM ⁽¹⁾	Drugs	Trademark (examples)	TDM ⁽¹⁾
ANTIBIOTICS (LA 1061, pts 166.5) - Analyses every working day (except: *Mo, Wed, Fri; † Mo, Thur)					
Amoxicillin	Clamoxyl	B	Ertapenem	Invanz	B
Cefazolin	Kefzol	B	Flucloxacillin	Floxapen	B
Cefepime	Maxipime	A	Imipenem	Tienam	B
Ceftazidime	Fortam	B	Meropenem	Meronem	B
Ceftolozane*	Zerbaxa	D	Oritavancin †	Tenkasi	C
Ceftriaxone	Rocephine	B	Piperacillin	Tazobac	B
Colistin	Colimycine	B	Rifampicin	Rimactan	C
Daptomycin	Cubicin	B			
ANTIFUNGAL DRUGS (LA 1077, pts 144) - Analyses twice a week (Monday and Thursday)					
Fluconazole	Diflucan	B	Posaconazole	Noxafil	B
Isavuconazole	Cresemba	C	Voriconazole	Vfend	A
Itraconazole/Hydroxy-Itraconazole	Sporanox	B			
ANTIVIRALS (LA 1084, pts 144) - Analyses twice a week (Monday, Thursday)					
Aciclovir (Valaciclovir)	Zovirax (Valtrex)	B	Ganciclovir (Valganciclovir)	Cymevene (Valcyte)	B
ANTIRETROVIRALS (LA 1084, pts 144) - Analyses once a week (Wednesday to Friday)					
Bictegravir	Biktarvy	B	Doravirine	Pifeltro, in Delstrigo	B
Cabotegravir	Vocabria	B	Elvitegravir	Stribild	B
Darunavir	Prezista	B	Raltegravir	Isentress	B
Dolutegravir	Tivicay, in Triumeq	B	Rilpivirine	Edurant, Rekambys	B
ANTITUBERCULOSIS DRUGS (LA 1061, pts 166.5) - Analyses once a week (Thursday)					
Ethambutol	Myambutol, in Rimstar	B	Pyrazinamide	in Rimstar	B
Isoniazid (+acetyl-isoniazid)	Rimactazid, in Rimstar	B	Rifabutin	Mycobutin	C
Moxifloxacin	Avalox	C	Rifampicin	Rimactan, in Rimstar	B
ANTIEPILEPTICS (LA 1069, pts 126) - Analyses every working day					
Brivaracetam	Briviact	B	Oxcarbazepine, OH-Oxcarbazepine	Trileptal	B
Carbamazepine (+ CBZ-epoxide)	Tegretol	B	Perampanel	Fycompa	B
Eslicarbazepine	Zebinix	B	Pregabalin	Lyrica	C
Gabapentin	Neurotin	B	Rufinamide	Inovelon	B
Lacosamide	Vimpat	B	Topiramate	Topamax	B
Lamotrigine	Lamictal	B	Zonisamide	Zonegran	B
Levetiracetam	Keppra	B			
TARGETED ANTICANCER DRUGS (LA 1772, pts 126) - Analyses once a week (Monday, Tuesday)					
Dasatinib	Sprycel	C	Sorafenib	Nexavar	C
Imatinib	Glivec	A	Sunitinib	Sutent	C
Nilotinib	Tasigna	C	Tamoxifen / Endoxifen	Tamoxifen	B
IMMUNOSUPPRESSIVE AGENTS (LA 1469 pts 135) AND CYTOSTATICS (LA 1772, pts 126) - Analyses once a week (Wednesday thiopurines, Thursday mycophenolate)					
6-Mercaptopurine (6-TGN, 6-MMP)	Puri-Nethol, Xaluprine	B	Azathioprine (6-TGN, 6-MMP)	Imurek	B
6-Thioguanine (6-TGN)	Lanvis	B	Mycophenolic acid (+ MPAG)	CellCept, Myfortic	C

MATERIAL FOR ALL ANALYSES : 4.9ml K-EDTA tube

[BAG/OFSP Analytikerlist](#). All pre-analytical information on: www.chuv.ch/analyses. Analytes in bold: ISO 15189:2022 ongoing.

(1) Availability of clinical interpretation (by decreasing relevance):

A. TDM is well established and reference intervals are defined. B. TDM can be performed and reference intervals are available. C. There is no clear target interval and TDM interpretation is limited to pharmacokinetic plausibility. D. Benefit of TDM needs to be established. Limited pharmacokinetic data. Result provided without clinical interpretation. In case of TDM clinical interpretation: supplement 3.60 CHF / min (Tarmed 00.0141)

Please contact the laboratory for research into *i)* the development of LC-MS/MS methods for the quantification of drugs (R&D), as well as *ii)* methods already validated at PCL8 for the quantification of certain antibiotics incl. antiTB and antimalarial drugs (ex: macrolides, Bactrim, cefiderocol, ceftaroline, ceftobiprole, cefuroxime, PAS, prothionamide, streptomycin); JAK inhibitors incl. ruxolitinib; CFTR modulators; levosimendan or Asparaginase phenotyping.

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