

+RECIPE

# ClinMass<sup>®</sup> TDM 200 Kit System



Therapeutic Drug Monitoring (TDM)  
by LC-MS/MS

# Therapeutic Drug Monitoring

## For patients' best therapy, surveillance and compliance

Therapeutic drug monitoring (TDM) is essential for compounds with a narrow therapeutic range to achieve maximum efficacy of the drug as well as to avoid drug toxicity.

Today therapeutic drug monitoring can be used to prevent adverse drug reactions (ADRs).

TDM enables care providers to optimise patients dosing regimens in order to achieve the targeted drug exposure.

Major benefits are improved diagnoses and treatments, reduced hospitalisation times, and less secondary treatment for toxicities resulting in significant cost savings.

Best care for patients by controlled efficiency and safety of the therapeutic regime.



[tdm.recipe.de](http://tdm.recipe.de)

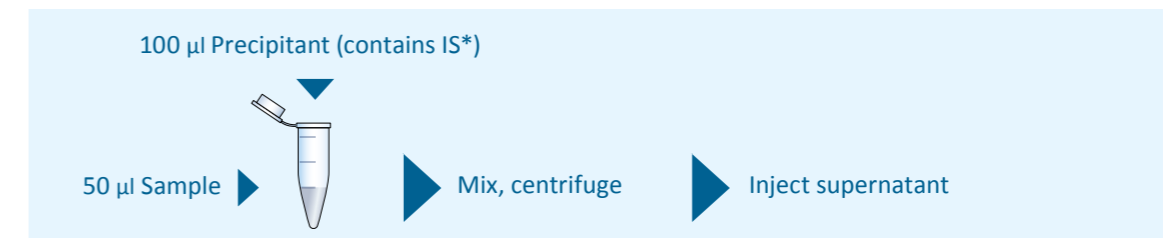
# ClinMass® TDM 200 Kit System

The RECIPE 200 Kit System opens a wide range of clinical relevant substances for a **patient-oriented** therapeutic regimen. Only one column to cover the 9 most relevant drug classes for TDM.

## 9 Add-on Sets

BZP	Benzodiazepines	Neuroleptics	NLP
TCA	Tricyclic Antidepressants	Antimycotics	AMC
AED	Antiepileptic Drugs	Antibiotics	ABx
ADP	Antidepressants	Mycophenolic Acid	MPA
		Immunosuppressive Drugs	ISD

## One Step sample prep



## Your Performance Plus

- + No method splitting
- + One analytical run per substance class
- + Short runtimes
- + Short instrument occupancy rate

## Your Comfort Plus

- + Less consumables
- + Less waste
- + More space in refrigerator and freezer

<b>TCA</b>	<b>15 Tricyclic Antidepressants</b>		<b>Order no. MS9100</b>
Amitriptyline	Imipramine	Normaprotiline	
Clomipramine	Maprotiline	Nortrimipramine	
Clozapine	Norclomipramine	Nortriptyline	
Desipramine	Norclozapine	Protriptyline	
Doxepin	Nordoxepin	Trimipramine	

<b>AED</b>	<b>27 Antiepileptic Drugs</b>		<b>Order no. MS9200</b>
10-OH-Carbamazepine	Lamotrigine	Primidone	
Brivaracetam	Levetiracetam	Retigabine	
Carbamazepine	N-Desmethylnmethsuximide	Rufinamide	
Carbamazepine-diol	Oxcarbazepine	Stiripentol	
Carbamazepine-epoxide	PEMA	Sulthiame	
Ethosuximide	Perampanel	Tiagabine	
Felbamate	Phenobarbital	Topiramate	
Gabapentine	Phenytoin	Valproic Acid	
Lacosamide	Pregabalin	Zonisamide	

<b>NLP</b>	<b>28 Neuroleptics</b>		<b>Order no. MS9300</b>
Amisulpride	Levomepromazine	Prothipendyl	
Aripiprazole	Melperone	Quetiapine	
Chlorpromazine	Norclozapine	Risperidone	
Chlorprothixene	Norquetiapine	Sertindole	
Clozapine	Olanzapine	Sulpiride	
Dehydro-Aripiprazole	Paliperidone (9-OH-Risperidone)	Thioridazine	
Desmethylolanzapine	Perazine	Ziprasidone	
Flupentixol	Pipamperone	Zotepine	
Fluphenazine	Promethazine	Zuclopenthixol	
Haloperidol			

<b>ADP</b>	<b>36 Antidepressants</b>		<b>Order no. MS9400</b>
Agomelatine	Duloxetine	O-Desmethylvenlafaxine	
Atomoxetine	Fluoxetine	Opipramol	
Bupropion	Fluvoxamine	Paroxetine	
Citalopram	Guanfacine	Reboxetine	
Clomethiazole	Hydroxybupropion	Ritalinic Acid	
Desmethylcitalopram	Methylphenidate	Sertraline	
Desmethylfluoxetine	Mianserin	Tianeptine	
Desmethylmianserin	Milnacipran	Tramadol	
Desmethylmirtazapine	Mirtazapine	Tranlycypromine	
Desmethylsertraline	Moclobemide	Trazodone	
Dihydro-Bupropion	Nefazodone	Venlafaxine	
Dosulepin	O-Desmethyltramadol	Vortioxetine	

<b>35 Benzodiazepines</b>		<b>Order no. MS9500</b>	<b>BZP</b>
3-Hydroxybromazepam	Demoxepam	Norclobazam	
7-Aminoclonazepam	Desalkylflurazepam	Nordiazepam	
7-Aminoflunitrazepam	Desmethylflunitrazepam	Oxazepam	
7-Aminonitrazepam	Diazepam	Prazepam	
α-Hydroxyalprazolam	Estazolam	Temazepam	
α-Hydroxymidazolam	Flunitrazepam	Tetrazepam	
α-Hydroxytriazolam	Flurazepam	Trazodone	
Alprazolam	Lorazepam	Triazolam	
Bromazepam	Lormetazepam	Zaleplon	
Chlordiazepoxide	Medazepam	Zolpidem	
Clobazam	Midazolam	Zopiclone	
Clonazepam	Nitrazepam		

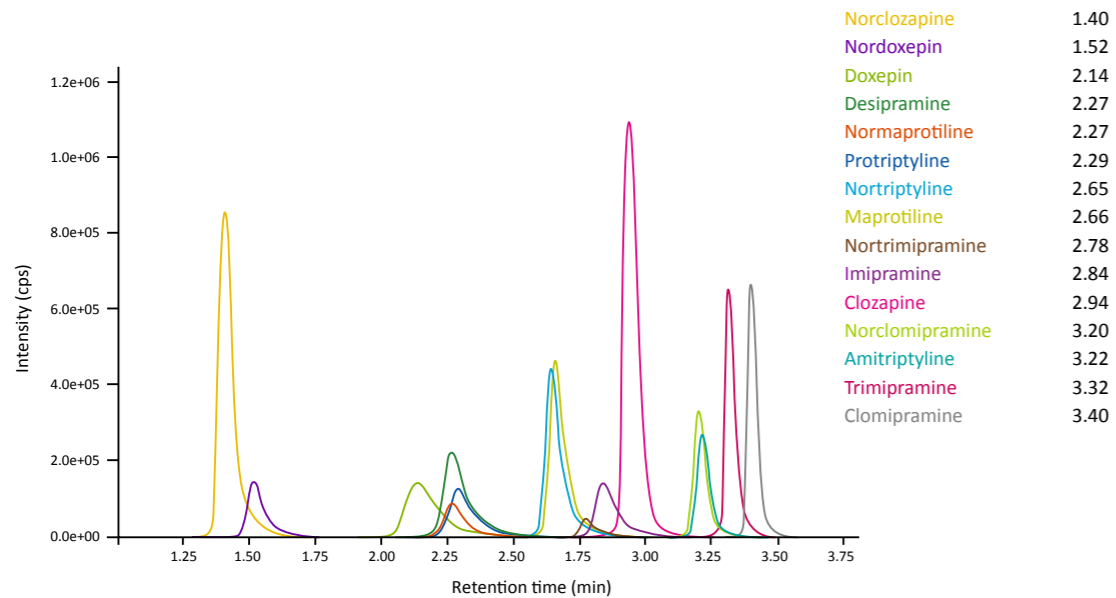
<b>8 Antimycotics</b>		<b>Order no. MS9600</b>	<b>AMC</b>
5-Fluorocytosine	Itraconazole	Posaconazole	
Fluconazole	Ketoconazole	Voriconazole	
Isavuconazole	OH-Itraconazole		

<b>15 Antibiotics</b>		<b>Order no. MS9700</b>	<b>ABx</b>
Ampicillin	Chloramphenicol	Meropenem	
Cefazolin	Clindamycin	Piperacillin	
Cefepime	Daptomycin	Sulbactam	
Cefotaxime	Flucloxacillin	Tazobactam	
Cefuroxime	Linezolid	Vancomycin	

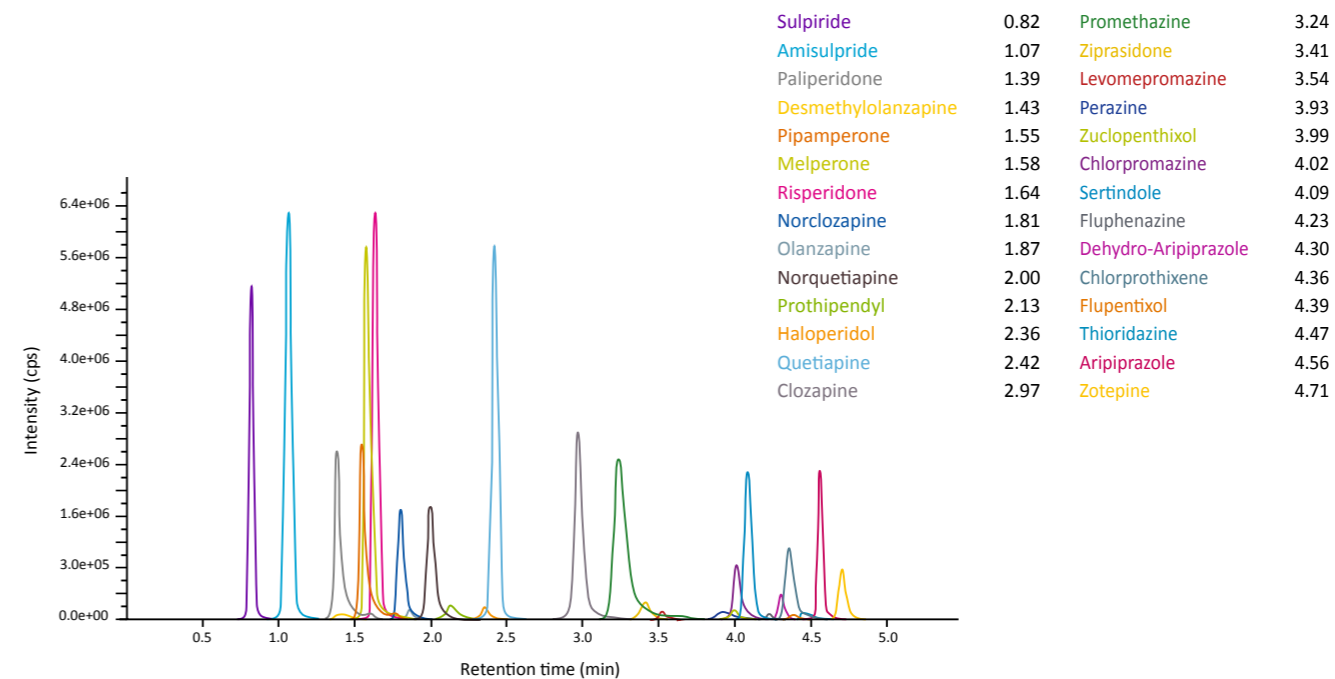
<b>2 Mycophenolic Acid</b>		<b>Order no. MS99100</b>	<b>MPA</b>
Mycophenolic acid	Mycophenolic acid glucuronide		

<b>4 Immunosuppressive Drugs</b>		<b>Order no. MS99200</b>	<b>ISD</b>
Cyclosporine A	Sirolimus	Tacrolimus	
Everolimus			

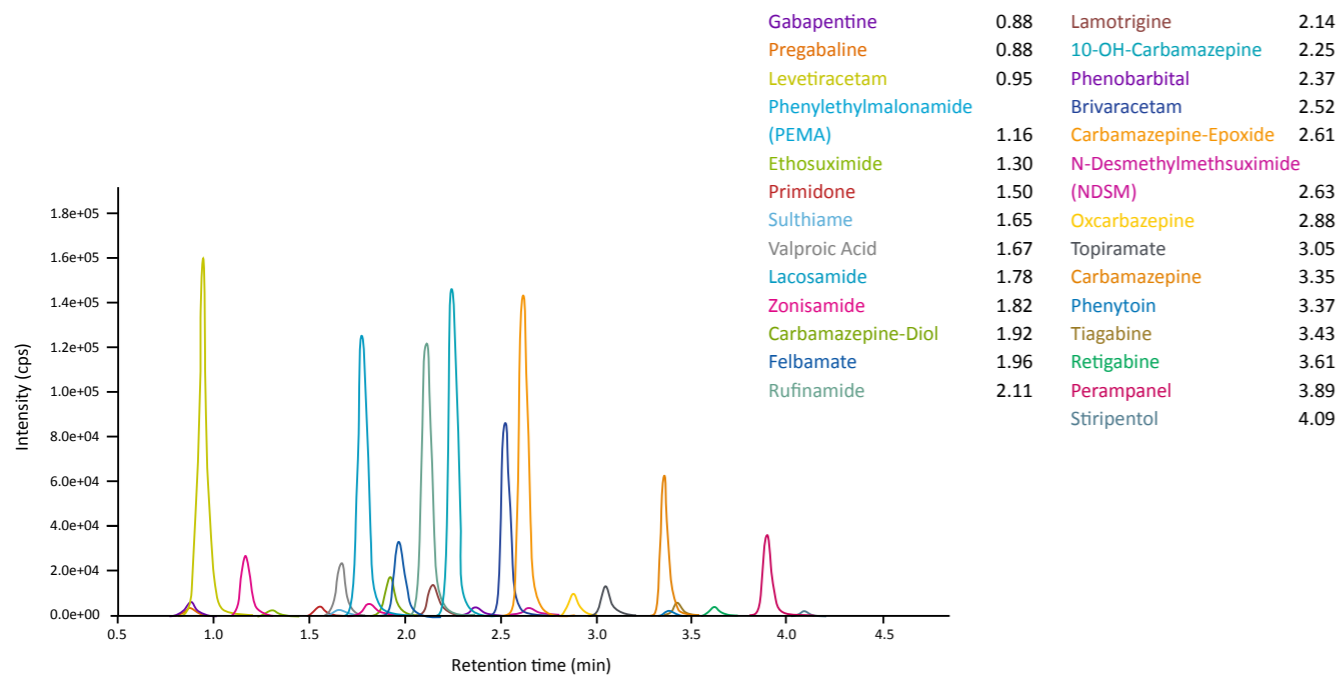
**TCA** Tricyclic Antidepressants Order no. MS9100



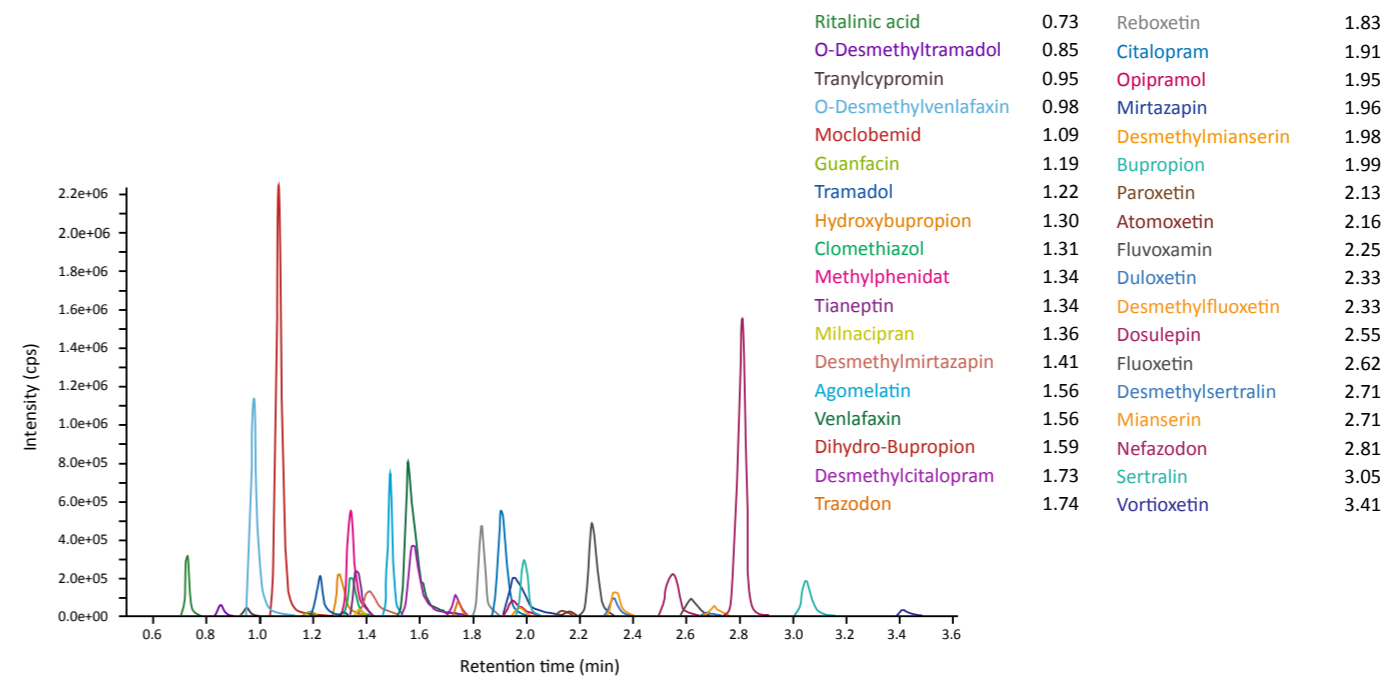
**Neuroleptics** Order no. MS9300 **NLP**



**AED** Antiepileptic Drugs Order no. MS9200



**Antidepressants** Order no. MS9400 **ADP**

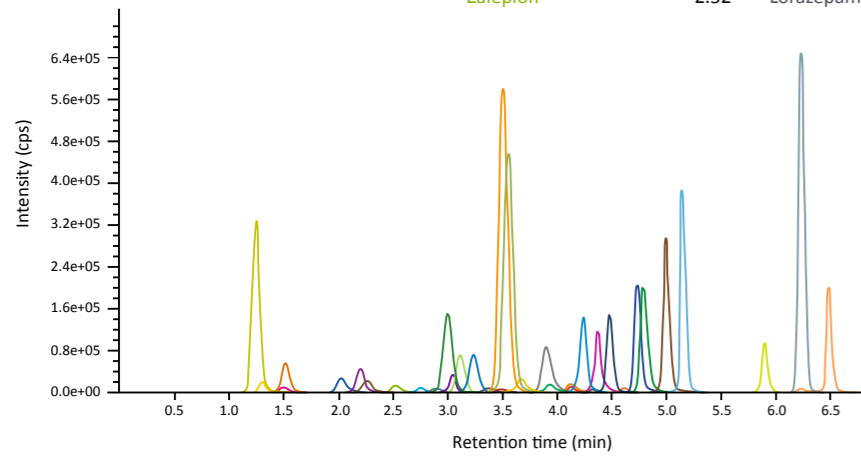


**BZP**

**Benzodiazepines**

Order no. MS9500

7-Aminonitrazepam	1.24	α-OH-Triazolam	2.74	Clonazepam	3.44
7-Aminoclonazepam	1.30	α-OH-Alprazolam	2.75	Zolpidem	3.50
3-Hydroxybromazepam	1.50	Desmethylflunitrazepam	2.89	Chlordiazepoxide	3.55
7-Aminoflunitrazepam	1.51	Oxazepam	3.00	Alprazolam	3.67
Bromazepam	2.02	Nitrazepam	3.11	α-OH-Midazolam	3.90
Demoxepam	2.19	Estazolam	3.11	Triazolam	3.93
Zopiclon	2.26	Norclonazepam	3.23	Desalkylflurazepam	4.12
Zaleplon	2.52	Lorazepam	3.37	Flunitrazepam	4.13
		Temazepam	4.24		
		Nordiazepam	4.37		
		Clobazam	4.48		
		Lormetazepam	4.61		
		Trazodone	4.73		
		Flurazepam	4.79		
		Midazolam	4.99		
		Diazepam	5.14		
		Tetraepam	5.90		
		Prazepam	6.23		
		Medazepam	6.48		

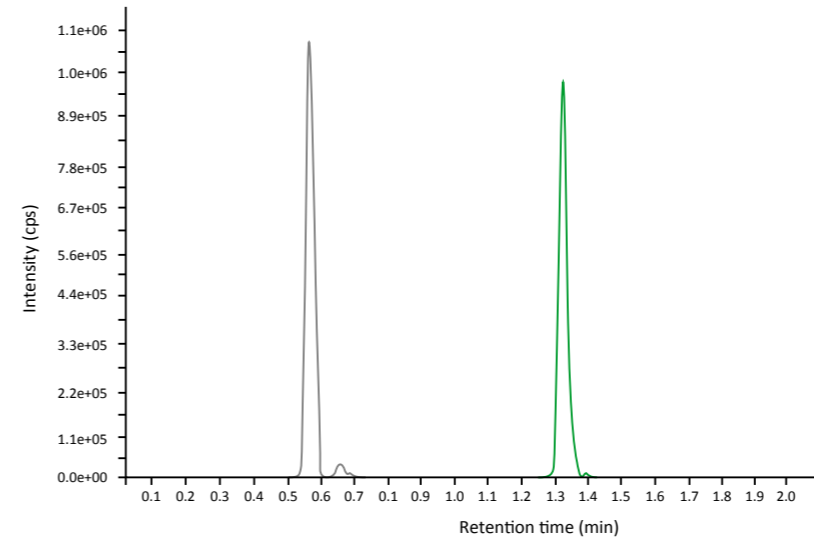


**Mycophenolic Acid**

Order no. MS99100

**MPA**

Mycophenolic acid glucuronide (MPAG)	0.56
Mycophenolic acid	1.32

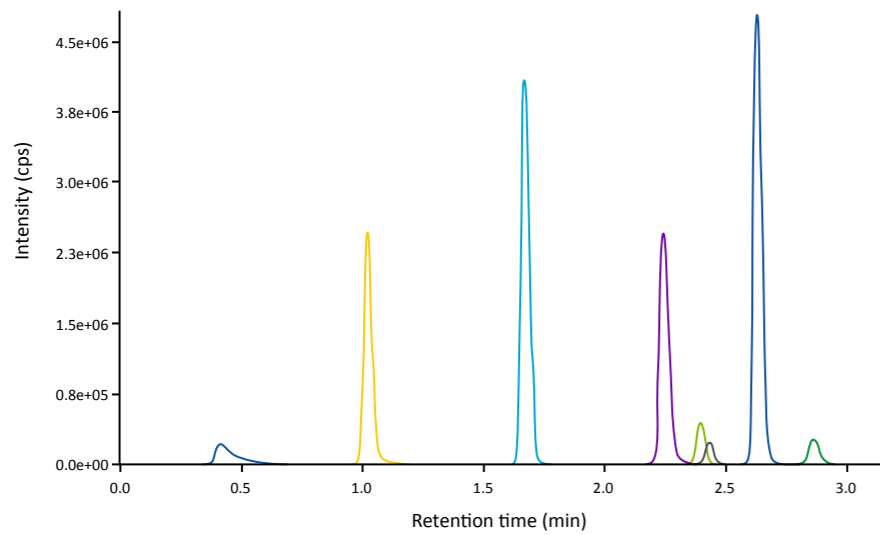


**AMC**

**Antimycotics**

Order no. MS9600

5-Fluorocytosine	0.41
Fluconazole	1.02
Voriconazole	1.67
Ketoconazole	2.24
Posaconazole	2.39
Hydroxy-Itraconazole	2.43
Isavuconazole	2.63
Itraconazole	2.86

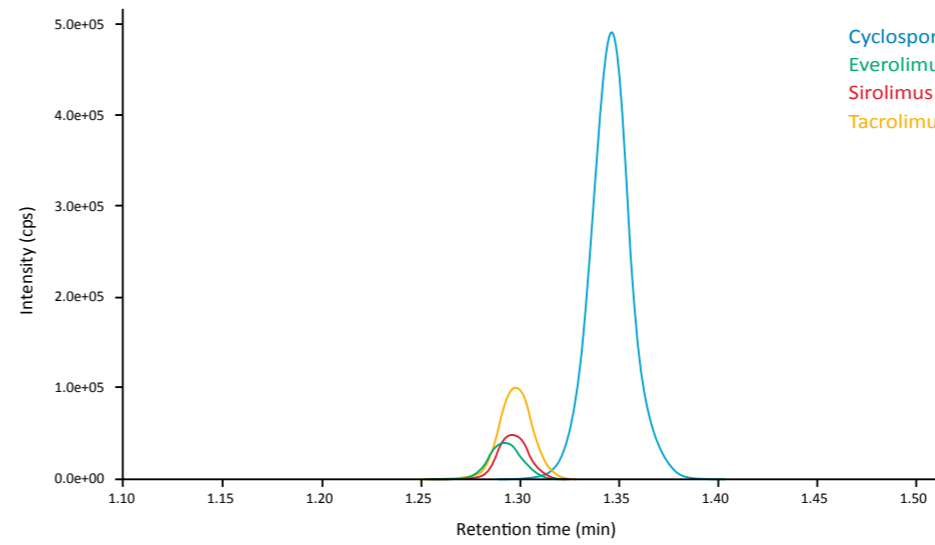


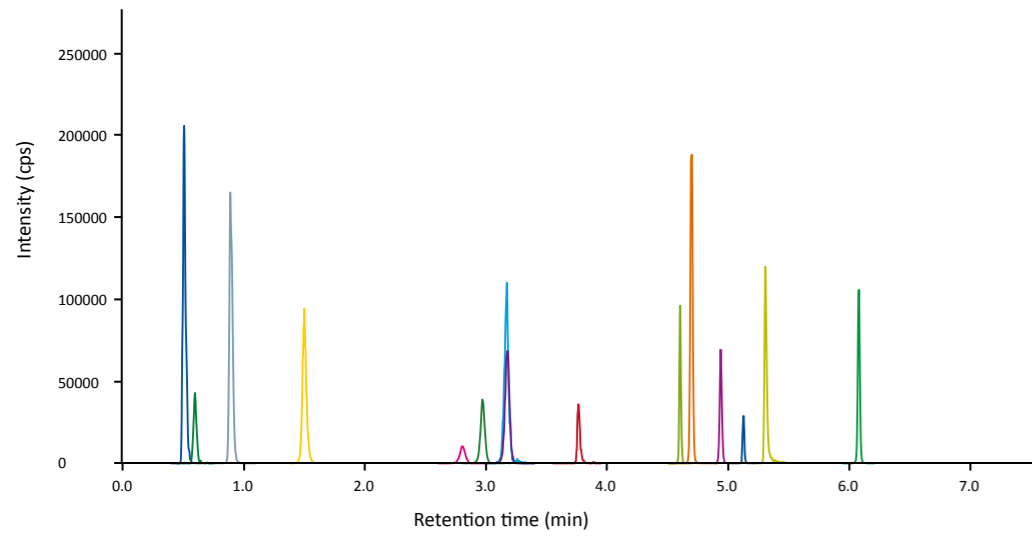
**Immunosuppressive Drugs**

Order no. MS99200

**ISD**

Cyclosporine A	1.35
Everolimus	1.29
Sirolimus	1.30
Tacrolimus	1.30





Sulbactam	0.50
Tazobactam	0.60
Cefepime	0.90
Meropenem	1.50
Cefuroxime	2.80
Cefotaxime	2.95
Ampicillin	3.20
Cefazolin	3.20
Vancomycin	3.80
Piperacillin	4.60
Linezolid	4.70
Chloramphenicol	4.90
Flucloxacillin	5.10
Daptomycin	5.30
Clindamycin	6.10

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Detection of metabolic disorders

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ClinMass® LC-MS/MS Complete Kits for Free Metanephrines in Plasma

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ClinRep® Komplettkits**

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immerhochwertig, leicht bedienbar und robust

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**Chronischer Alkoholkonsum**

Biomarker in der Menschlichen Diagnostik EtG/EtS und CDT

## Your choice in HPLC & LC-MS/MS diagnostics

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- + Unique RECIPE TDM 200 Kit System
- + Preferred partner in more than 80 countries

**+RECIPE**

**RECIPE Chemicals +  
Instruments GmbH**

Dessauerstraße 3  
80992 München

Tel. +49 89 54 70 81 - 0

Fax. +49 89 54 70 81 - 11

[info@recipe.de](mailto:info@recipe.de)

[www.recipe.de](http://www.recipe.de)