

+RECIPE

ClinMass[®] 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 optimize patients dosing regimens in order to achieve the targeted drug exposure.

Major benefits are improved diagnoses and treatments, reduced hospitalization 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.



<http://tdm.recipe-diagnostics.com>

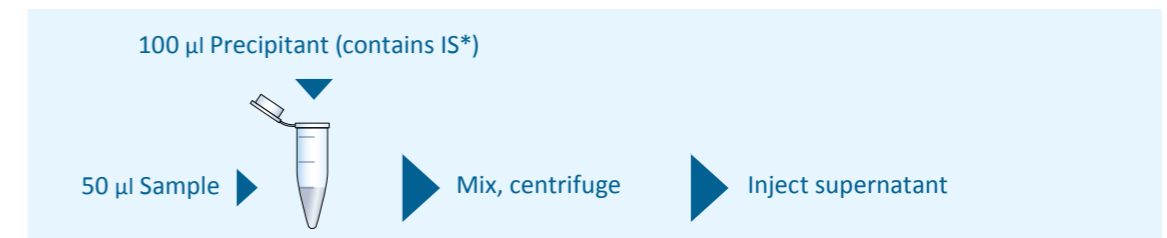
ClinMass® TDM 200 Kit System

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 8 most relevant drug classes for TDM.

8 Add-on Sets

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

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

AED	27 Antiepileptic Drugs	Order no. MS9200
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

NLP	28 Neuroleptics	Order no. MS9300
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		

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

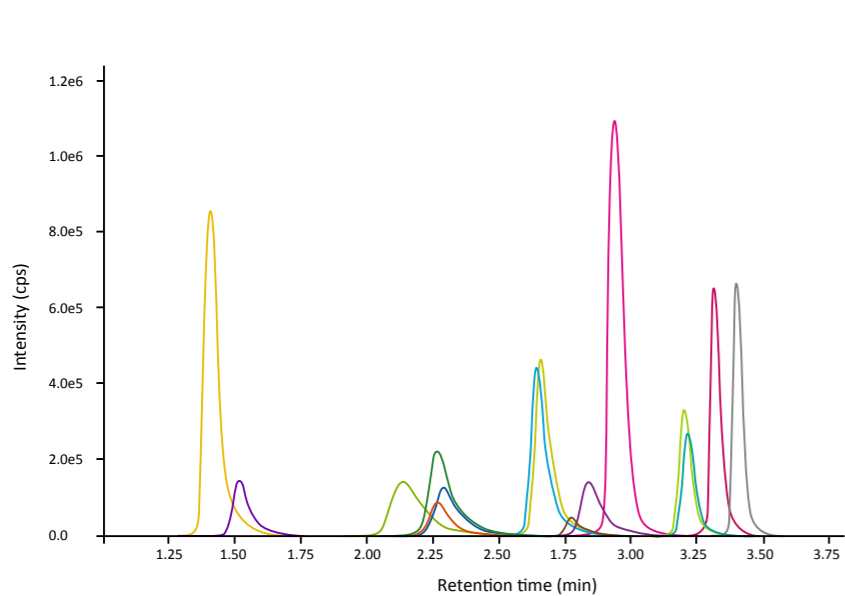
36 Benzodiazepines		Order no. MS9500	BZP
3-Hydroxybromazepam	Clonazepam	Nitrazepam	
7-Aminoclonazepam	Demoxepam	Norclobazam	
7-Aminoflunitrazepam	Desalkylflurazepam	Nordiazepam	
7-Aminonitrazepam	Desmethylflunitrazepam	Oxazepam	
α-Hydroxyalprazolam	Diazepam	Prazepam	
α-Hydroxymidazolam	Estazolam	Temazepam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

10 Antimycotics		Order no. MS9600	AMC
5-Fluorocytosine	Isavuconazole	Posaconazole	
Amphotericin B	Itraconazole	Voriconazole	
Anidulafungin	Ketoconazole		
Fluconazole	OH-Itraconazole		

Mycophenolic Acid		Order no. MS99100	MPA
Mycophenolic acid	Mycophenolic acid glucuronide		

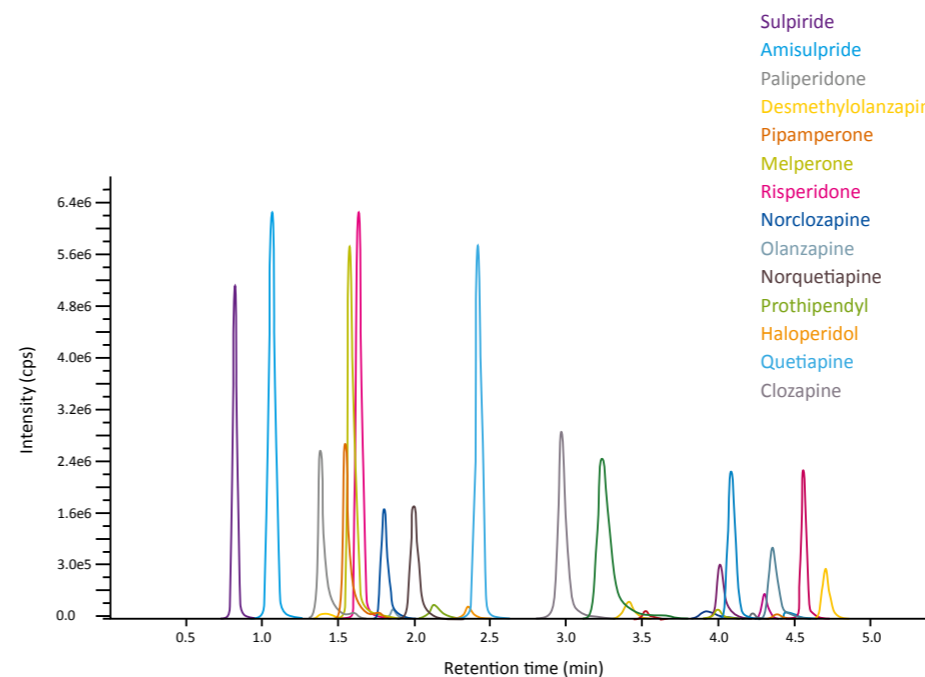
4 Immunosuppressive Drugs		Order no. MS99200	ISD
Cyclosporine A	Sirolimus	Tacrolimus	
Everolimus			

TCA Tricyclic Antidepressants Order no. MS9100



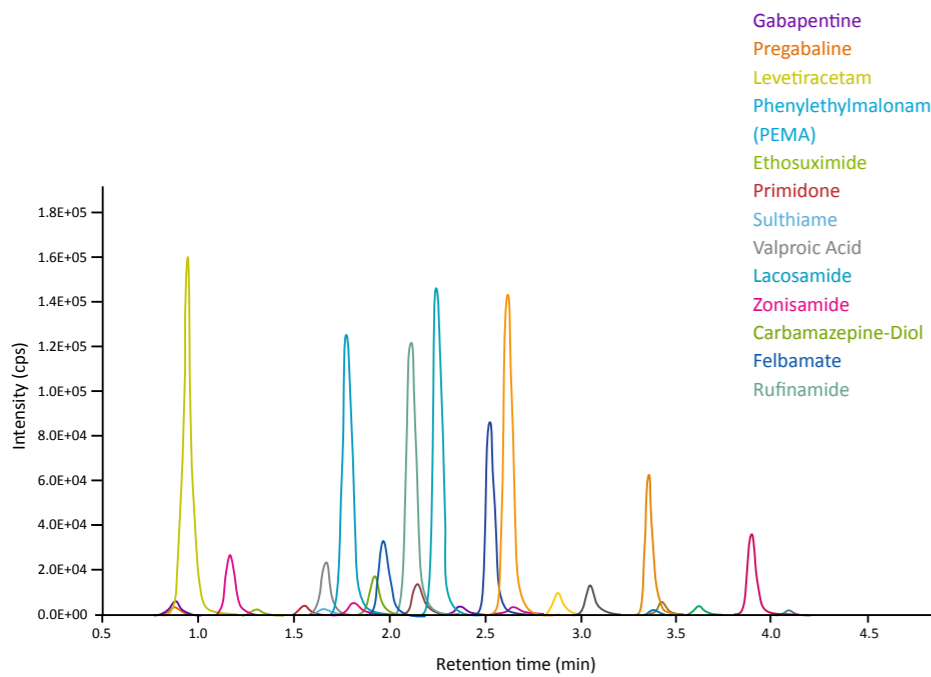
Norclozapine	1.40
Nordoxepin	1.52
Doxepin	2.14
Desipramine	2.27
Normaprotiline	2.27
Protriptyline	2.29
Nortriptyline	2.65
Maprotiline	2.66
Nortrimipramine	2.78
Imipramine	2.84
Clozapine	2.94
Norclomipramine	3.20
Amitriptyline	3.22
Trimipramine	3.32
Clomipramine	3.40

Neuroleptics Order no. MS9300 **NLP**



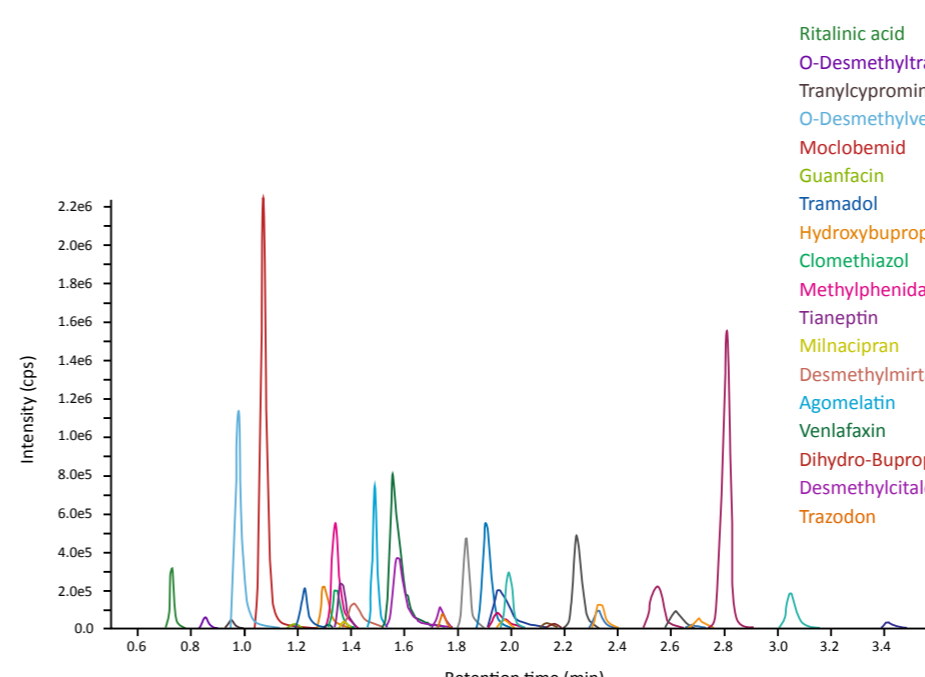
Sulpiride	0.82	Promethazine	3.24
Amisulpride	1.07	Ziprasidone	3.41
Paliperidone	1.39	Levomepromazine	3.54
Desmethyloanzapine	1.43	Perazine	3.93
Pipamperone	1.55	Zuclopenthixol	3.99
Melperone	1.58	Chlorpromazine	4.02
Risperidone	1.64	Sertindole	4.09
Norclozapine	1.81	Fluphenazine	4.23
Olanzapine	1.87	Dehydro-Aripiprazole	4.30
Norquetiapine	2.00	Chlorprothixene	4.36
Prothipendyl	2.13	Flupentixol	4.39
Haloperidol	2.36	Thioridazine	4.47
Quetiapine	2.42	Aripiprazole	4.56
Clozapine	2.97	Zotepine	4.71

AED Antiepileptic Drugs Order no. MS9200



Gabapentine	0.88	Lamotrigine	2.14
Pregabalin	0.88	10-OH-Carbamazepine	2.25
Levetiracetam	0.95	Phenobarbital	2.37
Phenylethylmalonamide (PEMA)	1.16	Brivaracetam	2.52
Ethosuximide	1.30	Carbamazepine-Epoxyde	2.61
Primidone	1.50	N-Desmethylmethsuximide (NDSM)	2.63
Sulthiame	1.65	Oxcarbazepine	2.88
Valproic Acid	1.67	Topiramate	3.05
Lacosamide	1.78	Carbamazepine	3.35
Zonisamide	1.82	Phenytoin	3.37
Carbamazepine-Diol	1.92	Tiagabine	3.43
Felbamate	1.96	Retigabine	3.61
Rufinamide	2.11	Perampanel	3.89
		Stiripentol	4.09

Antidepressants Order no. MS9400 **ADP**



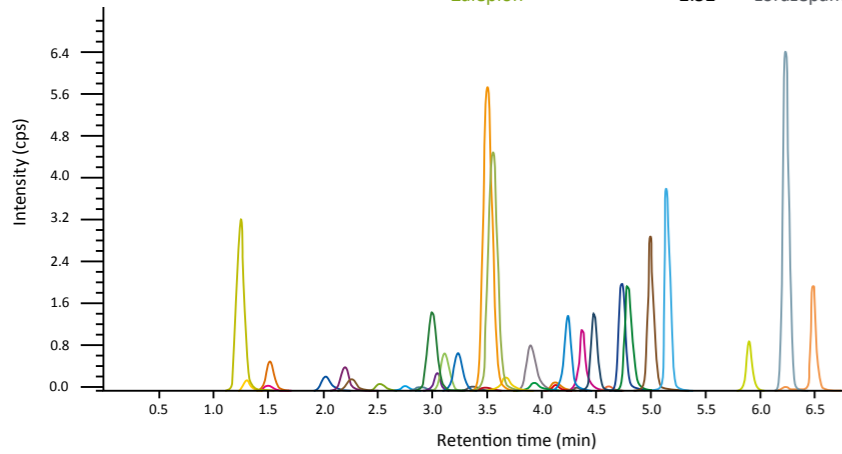
Ritalinic acid	0.726	Reboxetin	1.83
O-Desmethyltramadol	0.854	Citalopram	1.91
Tranlycypromin	0.95	Opipramol	1.95
O-Desmethylvenlafaxin	0.984	Mirtazapin	1.96
Moclobemid	1.09	Desmethylmianserin	1.98
Guanfacin	1.19	Bupropion	1.99
Tramadol	1.22	Paroxetine	2.13
Hydroxybupropion	1.30	Atomoxetine	2.16
Clomethiazol	1.31	Fluvoxamin	2.25
Methylphenidat	1.34	Duloxetine	2.33
Tianeptin	1.34	Desmethylfluoxetine	2.33
Milnacipran	1.36	Dosulepin	2.55
Desmethylmirtazapin	1.41	Fluoxetine	2.62
Agomelatin	1.56	Desmethylsertralin	2.71
Venlafaxin	1.56	Mianserin	2.71
Dihydro-Bupropion	1.59	Nefazodon	2.81
Desmethylcitalopram	1.73	Sertralin	3.05
Trazodon	1.74	Vortioxetin	3.41

Benzodiazepines

Order no. MS9500

BZP

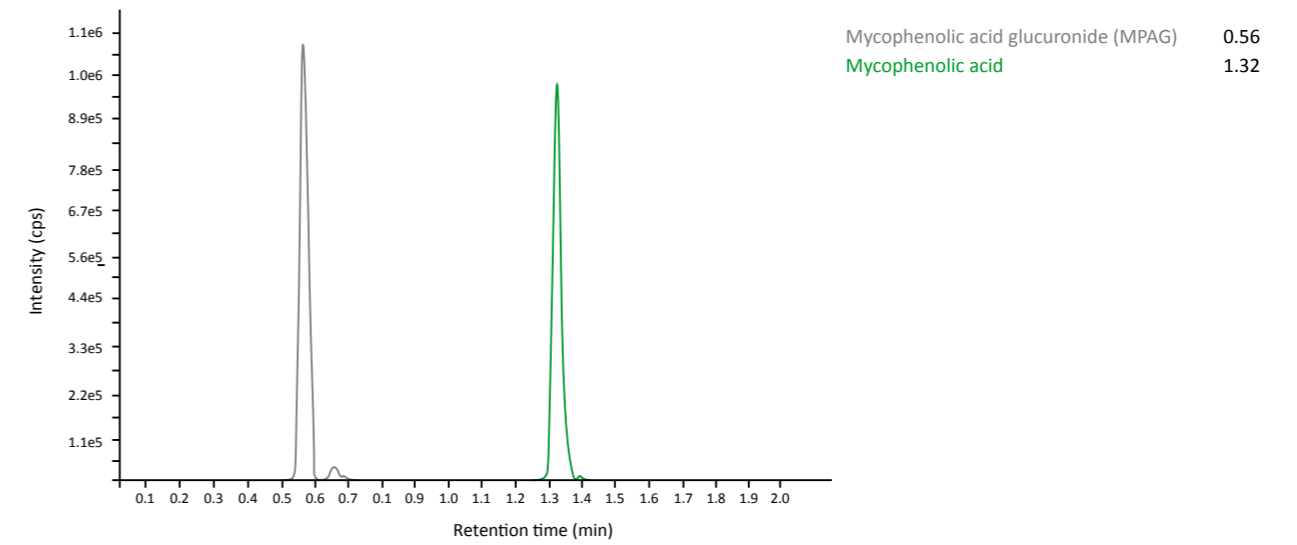
7-Aminonitrazepam	1.24	α-OH-Triazolam	2.74	Clonazepam	3.44
7-Aminoclonazepam	1.30	α-OH-Alprazolam	2.75	Zolpidem	3.50
3-Hydroxybromazepam	1.50	Desmethylflunitrazepam	2.89	Chlordiazepoxide	3.55
7-Aminoflunitrazepam	1.51	Oxazepam	3.00	Alprazolam	3.67
Bromazepam	2.02	Nitrazepam	3.11	α-OH-Midazolam	3.90
Demoxepam	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		
		Brotizolam	4.35		
		Nordiazepam	4.37		
		Clobazam	4.48		
		Lormetazepam	4.61		
		Trazodone	4.73		
		Flurazepam	4.79		
		Midazolam	4.99		
		Diazepam	5.14		
		Tetraazepam	5.90		
		Przepam	6.23		
		Medazepam	6.48		



Mycophenolic Acid

Order no. MS99100

MPA

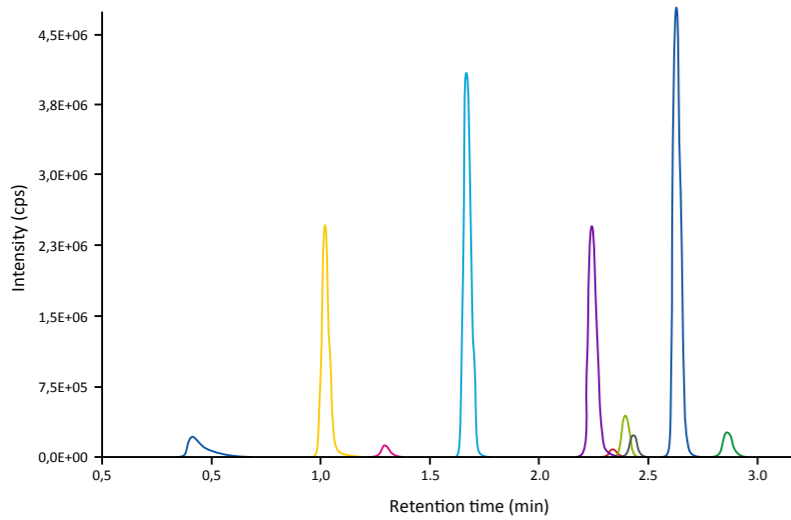


Antimycotics

Order no. MS9600

AMC

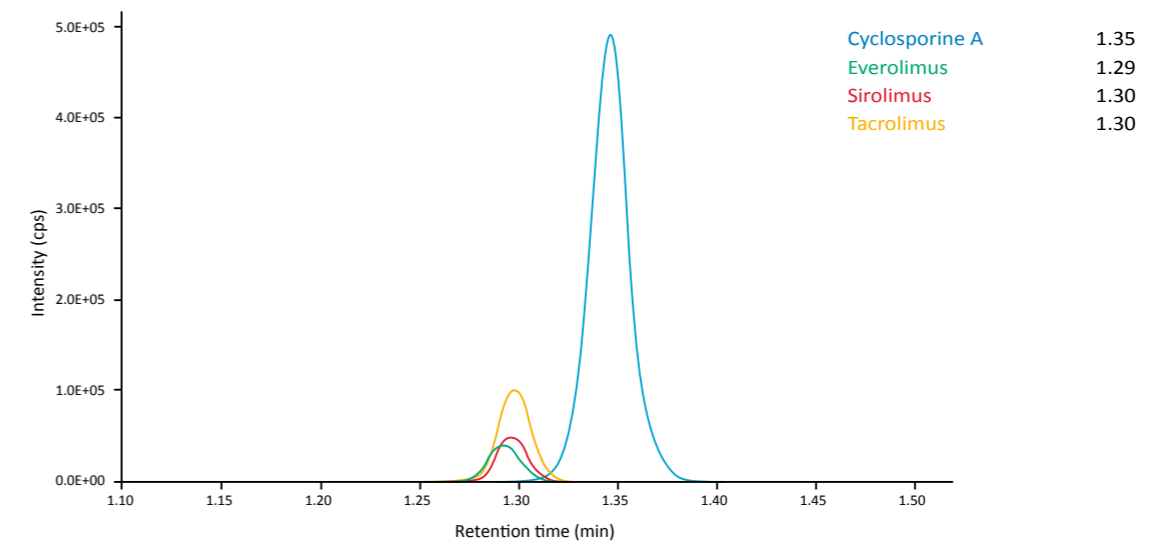
5-Fluorocytosine	0.41
Fluconazole	1.02
Amphotericin B	1.30
Voriconazole	1.67
Ketoconazole	2.24
Anidulafungin	2.34
Posaconazole	2.39
Hydroxy-Itraconazole	2.43
Isavuconazole	2.63
Itraconazole	2.86



Immunosuppressive Drugs

Order no. MS99200

ISD



Your choice in HPLC & LC-MS/MS diagnostics

- + Certified and quality approved CE-IVD methods
- + Unique RECIPE TDM 200 Kit System
- + Preferred partner in more than 80 countries

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