

As on January 2010



List of validated methods (Nonproprietary)

Sl. No	Drug/Metabolite	Method	Matrix	Range
1	Alfuzosin	LC-MS/MS	Plasma	0.2 - 25.0 ng/mL
2	Artemether and dihydroartemisinin	LC-MS/MS	Plasma	2.5 - 299.96 ng/mL and 2.5 - 299.88 ng/mL
3	Atorvastatin	LC-MS/MS	Plasma	0.20 - 136.2 ng/mL
4	Atorvastatin, <i>o</i> -OH atorvastatin, <i>p</i> -OH atorvastatin	LC-MS/MS	Plasma	0.25 - 150 ng/mL (all three)
5	Balsalazide	LC-MS/MS	Plasma	0.5 - 93.5 ng/mL
6	Cetirizine	LC-MS/MS	Plasma	0.7 - 760.8 ng/mL
7	Citalopram	LC-MS/MS	Plasma	0.278 - 200.7 ng/mL
8	Coenzyme Q10	LC-MS/MS	Plasma	0.2 - 4.5 µg/mL
9	Diclofenac	LC-MS/MS	Plasma	0.103 - 103.29 ng/mL
10	Digoxin	LC-MS/MS	Serum	0.05 - 7.92 ng/mL
11	Domperidone	LC-MS/MS	Plasma	0.25 - 201.9 ng/mL
12	Efavirenz	HPLC-UV	Plasma	0.02 - 22.9 µg/mL
13	Ezetimibe	LC-MS/MS	Plasma	0.0915 - 25.8 ng/mL
14	Fluvastatin	LC-MS/MS	Plasma	2.0 - 964.5 ng/mL
15	Fosinopril and Fosinoprilat	LC-MS/MS	Plasma	0.49 - 395.2 ng/mL and 0.97 - 785.3 ng/mL
16	Ibuprofen	LC-MS/MS	Plasma	0.25 - 100.0 ng/mL
17	Ibuprofen	LC-MS/MS	Plasma	0.100 - 50 µg/mL
18	Itraconazole	LC-MS/MS	Plasma	1.0852 - 401.9 ng/mL
19	Levetiracetam	HPLC-UV	Plasma	0.5 - 40.0 µg/mL
20	Lopinavir	HPLC-UV	Plasma	0.1 - 24.7 µg/mL
21	Lumefantrine	LC-MS/MS	Plasma	100.04 - 15216 ng/mL
22	Mecamylamine	LC-MS/MS	Plasma	10 - 5209.5 pg/mL
23	Meloxicam	LC-MS/MS	Plasma	9.2 - 2032.0 ng/mL
24	Mesalamine	LC-MS/MS	Plasma	14.2 - 1123.2 ng/mL
25	Mesalamine	HPLC-FL	Plasma	5.806 - 508.6 ng/mL
26	Metformin	HPLC-UV	Plasma	0.09 - 6.22 µg/mL
27	Mycophenolic acid	HPLC-UV	Plasma	0.2 - 25.022 µg/mL
28	Mycophenolic acid	LC-MS/MS	Plasma	0.049 - 24.901 µg/mL
29	Mycophenolate mofetil	LC-MS/MS	Plasma	0.05 - 5.0 ng/mL
30	Mycophenolate mofetil	LC-MS/MS	Plasma	0.025 - 5.0 ng/mL
31	Nimodipine	LC-MS/MS	Plasma	0.2 - 140 ng/mL
32	Oxcarbazepine	LC-MS/MS	Plasma	10.0 - 6965.2 ng/mL
33	Oxybutynin and desethyl oxybutynin	LC-MS/MS	Plasma	50 - 8944.8 pg/mL and 0.1 - 18.0 ng/mL
34	Pantoprazole	LC-MS/MS	Plasma	5.0 - 5116.5 ng/mL
35	Penciclovir	LC-MS/MS	Plasma	25 - 8000 ng/mL
36	Rabeprazole	LC-MS/MS	Plasma	2.0 - 1498.6 ng/mL
37	Ritonavir	HPLC-UV	Plasma	0.1 - 12.7 µg/mL
38	Simvastatin and β-OH-simvastatin	LC-MS/MS	Plasma	0.25 - 100 ng/mL (both)
39	Sirolimus	HPLC-UV	Whole blood	2.5 - 75 ng/mL
40	Sirolimus	LC-MS/MS	Whole blood	0.27 - 52.3 ng/mL
41	Tacrolimus	LC-MS/MS	Whole blood	0.2 - 87.9 ng/mL
42	Trimetazidine	LC-MS/MS	Plasma	1 - 200 ng/mL
43	Trospium	LC-MS/MS	Plasma	25 - 15000 pg/mL
44	Valsartan	LC-MS/MS	Plasma	25 - 5041.0 ng/mL
45	Voriconazole	HPLC-UV	Plasma	0.05 - 20.4 µg/mL
46	Ziprasidone	LC-MS/MS	Plasma	0.5 - 303.7 ng/mL

(Note: Some proprietary assays are not included in the list)

List of methods under development/validation

Sl. No.	Drug/Metabolite	Method	LOQ
1	Everolimus	LC-MS/MS	-
2	Eptifibatide	LC-MS/MS	-
3	Aspirin	LC-MS/MS	-
4	Salicylic acid	LC-MS/MS	-

1*	IN-105	LC-MS/MS	1.0 ng/mL
2*	Insulin	LC-MS/MS	1.0 ng/mL

*Partially validated assays