

List of Bioanalytical Methods Available with Sitec Labs (P) Ltd

Sr. No.	Dosage	Analytes	Conc. Range	IS	Matrix	Extraction Method	Method of Analysis
1	Abacavir 600 mg + Lamivudine 300 mg	Abacavir	100.0 to 14000.0 ng/ml	Navirapine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Lamivudine	50.0 to 7000.0 ng/ml				
2	Artesunate 100 mg + Mefloquine 200 mg	Artesunate	20.0 to 1500.0 ng/ml	Amodiaquine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		DHA	40.0 to 3000.0 ng/ml				
		Mefloquine	10.0 to 3500.0 ng/ml				
3	Atazanavir 300 mg + Ritonavir 100 mg	Atazanavir	150.0 to 21000.0 ng/ml	Saquinavir	Human Plasma	SPE- Oasis MCX	LC-MS/MS
		Ritovavir	60.0 to 7000.0 ng/ml				
		Free Amphotericin-B	1.0 to 25.0 µg/ ml				
4	Atenolol (HFA-pMDI)	Atenolol	0.05 to 10.00 ng/ml	Metaprolol	Human Plasma	SPE – Oasis HLB	LC-MS/MS
5	Atorvastatin	Atorvastatin	0.25 to 110.00 ng/ml	Atorvastatin- d5	Human Plasma	SPE – Oasis MAX	LC-MS/MS
		o-Hydroxy Atorvastatin	0.25 to 60.00 ng/ml	o-Hydroxy Atorvastatin- d5			
		p-Hydroxy Atorvastatin	0.04 to 4.20 ng/ml	p-Hydroxy Atorvastatin- d5			
6	Bicalutamide 50 mg	Biculatamide	250.0 to 23000.0 ng/ml	Glibenclamide	Human Plasma	LLE	LC-MS/MS
7	Budesonide 9 mg	Budesonide	0.03 to 4.00 ng/ml	Budesonide d8	Human Plasma	SPE - Strata X	LC-MS/MS
8	Beclomethasone	Beclomethazone Dipropionate	5.0 to 180.0 pg/ml	Stable Isotope	Human Plasma	SPE - Oasis HLB	LC-MS/MS
		Beclomethazone 17 monopropionate	60.0 to 7300.0 pg/ml				

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9	Cefixime	Cefixime	0.025 to 10.0 µg/ml	Cefatoxime	Human Plasma	SPE – Oasis HLB	LC-MS/MS
10	Clarithromycin 500 mg	Clarithromycin	5.0 to 3000.0 ng/ml	Roxithromycin	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		14 -(R)-Hydroxy-Clarithromycin	5.0 to 3000.0 ng/ml				
11	Clopidogrel	Clopidogrel	0.10 to 15.0 ng/ml	Clopidogrel D3	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Acid Metabolite	50.0 to 8000.0 ng/ml	Mycophenolic Acid			
12	Cycloserine 250 mg	Cycloserine	0.30 to 35.00 µg/ml	Levetiracetam	Human Plasma	LLE	LC-MS/MS
13	Desloratidine 5.0 mg	Desloratidine	0.10 to 18.0 ng/ml	Sertraline HCl	Human Plasma	SPE-Oasis MCX	LC-MS/MS
14	Didanosine 200(x2) mg	Didanosine	15.0 to 7000.0 ng/ml	Lamivudine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
15	Donepezil 10 mg	Donepezil	0.10 to 50.0 ng/ml	Loratidine	Human Plasma	LLE	LC-MS/MS
16	Doxazosin 4 or 8 mg	Doxazosin	0.50 to 100.0 ng/ml	Prazosin	Human Plasma	SPE – Oasis HLB	LC-MS/MS
17	Efavirenz 600 mg	Efavirenz	75.0 to 9500.0 ng/ml	Acyclovir	Human Plasma	SPE – Oasis HLB	LC-MS/MS
18	Escitalopram 20 mg	Escitalopram	0.50 to 100.0 ng/ml	Paroxetin	Human Plasma	SPE – Oasis HLB	LC-MS/MS
19	Esomeprazole 40 mg	Esomeprazole	25.0 to 6000.0 ng/ml	Levocetizine	Human Plasma	SPE – Oasis HLB	LC-MS/MS

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20	Estradiol	Estradiol	5.0 to 200.0 pg/ml	Estradiol D3	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Estrone	5.0 to 940.0 pg/ml				
21	Ethambutol 400 mg	Ethambutol	30.0 to 3000.0 ng/ml	Phenformin	Human Plasma	SPE – Oasis HLB	LC-MS/MS
22	Ethinyl Estradiol	Ethinyl Estradiol	5.0 to 360.0 pg/ml	Ethinyl Estradiol D4	Human Plasma	SPE – Oasis HLB	LC-MS/MS
23	Famciclovir 750 mg	Penciclovir	100.0 to 18000.0 ng/ml	Acyclovir	Human Plasma	SPE-Oasis MCX	LC-MS/MS
24	Felodipine 10 mg	Felodipine	0.050 to 10.0 ng/ml	Isradipine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
25	Formetrol Inhaler	Formetrol	0.40 to 40.00 pg/ml	Turbutaline	Human Plasma	SPE – Strata X	LC-MS/MS
26	Fluticasone propionate	Fluticasone propionate	10.0 to 750.0 pg/ml	Fluticasone propionate- D3	Human Plasma	SPE – Bond Elute C18	LC-MS/MS
27	Granisetron 2 mg	Granisetron	0.10 to 15.0 ng/ml	Ondansetron	Human Plasma	SPE – Oasis HLB	LC-MS/MS

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28	Hydrochlorothiazide 12.5 mg	Hydrochlorothiazide	4.0 to 400.0 ng/ml	Trichlormethiazide	Human Plasma	SPE-Oasis MCX	LC-MS/MS
29	Ibuprofen 200 mg	Ibuprofen	1.20 to 140.0 µg/ml	Diclofenac sodium	Human Plasma	SPE – Oasis HLB	LC-MS/MS
30	Indapamide	Indapamide	0.50 to 80.00 ng/ml	Biculatamide	Human Plasma	Strata-X Phenomenex	LC-MS/MS
31	Ipratropium Inhaler	Ipratropium	3.0 to 180.0 pg/ml	Ipratropium Iodide-D3	Human Plasma	SPE – Strata XCW	LC-MS/MS
32	Lamivudine 150 mg + Zidovudine 300 mg	Lamivudine	40.0 to 5500.0 ng/ml	Carbamazepine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Zidovudine	30.0 to 3500.0 ng/ml				
33	Lamivudine 150 mg + Zidovudine 300 mg + Nevirapine 200 mg	Lamivudine	40.0 to 5500.0 ng/ml	Carbamazepine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Zidovudine	100.0 to 5500.0 ng/ml				
		Nevirapine	100.0 to 5500.0 ng/ml				

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34	Lamivudine 150 mg + Stavudine 40 mg + Nevirapine 200 mg	Lamivudine	40.0 to 5500.0 ng/ml	Carbamazepine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Stavudine	20.0 to 3000.0 ng/ml				
		Nevirapine	100.0 to 5500.0 ng/ml				
35	Lamivudine 60 mg + Stavudine 12 mg + Nevirapine 100 mg	Lamivudine	50.0 to 7000.0 ng/ml	Carbamazepine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Stavudine	25.0 to 3500.0 ng/ml				
		Nevirapine	50.0 to 7000.0 ng/ml				
36	Levitiracetam 1000mg	Levitiracetam	0.90 to 90.0 µg/ml	Carbamazepine	Human Plasma	SPE - Strata X	LC-MS/MS
37	Levocetirizine 5 mg	Levocetirizine	8.0 to 1000.0 ng/ml	Loratidine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
38	Levofloxacin 500 mg	Levofloxacin	0.10 to 18.0 µg/ml	Moxifloxacin	Human Plasma	SPE – Oasis MAX	LC-MS/MS
39	Levonorgestrel	Levonorgestrel	0.50 to 70.0 ng/ml	Norgestrel - 2,2,4,6,6,10 - d6	Human Plasma	SPE – Oasis HLB	LC-MS/MS
40	Loperamide 2 mg	Loperamide	0.040 to 2.0 ng/ml	Carbamazepine	Human Plasma	LLE	LC-MS/MS
41	Loratidine 10 mg	Loratidine	0.20 to 18.0 ng/ml	Sertraline	Human Plasma	SPE- Oasis MCX	LC-MS/MS
		Desloratidine	0.20 to 18.0 ng/ml				

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42	Losartan 50 mg	Losartan	6.0 to 400.0 ng/ml	Losartan D4	Human Plasma	LLE	LC-MS/MS
		Losartan Carboxylic acid	6.0 to 400.0 ng/ml				
43	Mefloquine 250 mg	Mefloquine	30.0 to 3500.0 ng/ml	Diazepam	Human Plasma	LLE	LC-MS/MS
44	Metformin 1000 mg	Metformin	50.0 to 6000.0 ng/ml	Phenformin	Human Plasma	SPE – Oasis HLB	LC-MS/MS
45	Moxifloxacin	Moxifloxacin	0.10 to 15.0 µg/ml	Ofloxacin	Human Plasma	SPE – Oasis MAX	LC-MS/MS
46	Mycophenolate Mofetil	Mycophenolic Acid	0.050 to 50.00 µg/ml	Isradipine	Human Plasma	SPE – Strata X	LC-MS/MS
47	Nabumetone 500 mg	Nabumetone	0.20 to 60.0 µg/ml	Ibuprofen	Human Plasma	SPE – Oasis HLB	LC-MS/MS
48	Nevirapine 50mg/5ml	Nevirapine	30.0 to 3500.0 ng/ml	Carbamazepine	Human Plasma	LLE	LC-MS/MS
49	Nelfinavir 750 mg	Nelfinavir	90.0 to 10500.0 ng/ml	Saquinavir	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Nelfinavir M8	30.0 to 3500.0 ng/ml				

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50	Norethisterone	Norethisterone	0.10 to 20.0 ng/ml	Norethisterone D6	Human Plasma	LLE	LC-MS/MS
51	Ofloxacin 400 mg	Ofloxacin	50.0 to 12000.0 ng/ml	Moxifloxacin	Human Plasma	SPE – Oasis MAX	LC-MS/MS
52	Olanzapine 10 mg	Olanzapine	0.50 to 35.0 ng/ml	Tramadol	Human Plasma	LLE	LC-MS/MS
53	Oseltamivir 75 mg	Oseltamivir	1.0 to 250. ng/ml	Fexofenadine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Oseltamivir carboxylate	5.0 to 1400.0 ng/ml				
54	Ondansetron 8 mg	Ondansetron	0.10 to 100.0 ng/ml	Granisetron	Human Plasma	SPE – Oasis HLB	LC-MS/MS
55	Perindropil 8 mg	Perindropil	100.0 to 12600.0 ng/ml	Ramipril	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Perindropilat	8.0 to 840.0 ng/ml	Enalaprilat			
56	Perindropil + Indapamide	Perindopril	1.6 to 204.8 ng/ml	Ramipril	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Perindoprilat	0.20 to 25.60 ng/ml	Enalaprilate			
		Indapamide	0.50 to 64.00 ng/ml	Ramipril			
57	Pioglitazone 45 mg	Pioglitazone	15.0 to 3500.0 ng/ml	Diazepam	Human Plasma	LLE	LC-MS/MS

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58	Quetiapine 150 mg	Quetiapine	10.0 to 2000.0 ng/ml	Tramadol	Human Plasma	SPE – Oasis HLB	LC-MS/MS
59	Ramipril 5 mg	Ramipril	0.40 to 42.0 ng/ml	Perindopril Erbumine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Ramiprilate	0.40 to 26.0 ng/ml	Perindoprilat			
60	Risperidone 2 mg	Risperidone	0.40 to 100.0 ng/ml	Carbamazepine	Human Plasma	LLE	LC-MS/MS
		9-hydroxyrisperidone	0.40 to 100.0 ng/ml				
61	Rivastigmine 1.5 mg	Rivastigmine	0.10 to 40.0 ng/ml	Tramadol	Human Plasma	SPE – Oasis HLB	LC-MS/MS
62	Ropinirole 2 mg	Ropinirole	0.03 to 10.0 ng/ml	Citalopram	Human Plasma	SPE – Oasis HLB	LC-MS/MS
63	Rosiglitazone 8 mg	Rosiglitazone	10.0 to 2000.0 ng/ml	Hydroxyglitazone	Human Plasma	LLE	LC-MS/MS
64	Saquinavir 500 mg X 2	Saquinavir	0.20 to 200.0 ng/ml	Nelfinavir	Human Plasma	SPE-Oasis MCX	LC-MS/MS

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65	Sertraline 50 mg	Sertraline	1.0 to 150.0 ng/ml	Sibutramine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
66	Sibutramine 8.37 mg	Sibutramine	0.050 to 30.0 ng/ml	Sibutramine - d6	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Des-Sibutramine	0.10 to 15.0 ng/ml				
		Dides-Sibutramine	0.20 to 30.0 ng/ml				
67	Sulfadoxime 500 mg + Pyramethamine 25 (x3) mg	Sulfadoxime	2.5 to 300.0 µg/ml	Sulfadiazine	Human Plasma	SPE-Oasis MCX	LC-MS/MS
		Pyramethamine	0.025 to 3.0 µg/ml				
68	Sumatriptan 100 mg	Sumatriptan	0.50 to 200.0 ng/ml	Atenolol	Human Plasma	SPE – Oasis HLB	LC-MS/MS
69	Salbutamol Inhalers	Salbutamol	0.050 to 4.000 ng/ml	Abuterol-D9	Human Plasma	SPE – Strata X	LC-MS/MS
70	Salmeterol Inhaler	Salmeterol	5.0 to 2000 pg/ml	Salmeterol-d3	Human Plasma	SPE – Oasis MAX	LC-MS/MS
71	Tadalafil 20 mg	Tadalafil	10.0 to 1500.0 ng/ml	Sildenafil	Human Plasma	SPE – Oasis HLB	LC-MS/MS

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72	Tamsulosin 40 mg	Tamsulosin	0.10 to 70.0 ng/ml	Doxazosin	Human Plasma	SPE - Strata X	LC-MS/MS
73	Tenofovir 300mg + Lamivudine	Tenofovir	10.0 to 1400.0 ng/ml	Nevirapine	Human Plasma	SPE-Oasis MCX	LC-MS/MS
74	Tenofovir + Lamivudine 300 mg	Lamivudine	50.0 to 7200.0 ng/ml	Nevirapine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
75	Tenofovir 300mg + Lamivudine (Effavirenz)	Tenofovir	10.0 to 1400.0 ng/ml	Nevirapine	Human Plasma	SPE – Oasis MCX	LC-MS/MS
76	Effavirenz + Lamivudine 300 mg (Tenofovir)	Lamivudine	50.0 to 7200.0 ng/ml	Nevirapine	Human Plasma	SPE – Oasis HLB	LC-MS/MS
		Effavirenz	80.0 to 10000.0 ng/ml				
77	Tegaserod 6 mg	Tegaserod	0.070 to 10.000 ng/ml	Sertraline	Human Plasma	SPE – Oasis HLB	LC-MS/MS
78	Sodium Valproate 500 mg	Valproic acid	0.90 to 180.0 µg/ml	Heptanoic acid	Human Plasma	SPE – Oasis HLB	LC-MS/MS
79	Zidovudine 300 mg	Zidovudine	20.0 to 10000.0 ng/ml	Carbamazepine	Human Plasma	SPE – Oasis HLB	LC-MS/MS