



**April
2025**

Equilab
International

BIOANALYTICAL LIST

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
ANTI-ALLERGY & OTOLARYNGOLOGICAL DRUGS				
1	Betamethasone + Loratadine	LC-MS/MS	Plasma	0.1 + 0.1
2	Cetirizine	HPLC-UV	Plasma	10
3	Cetirizine + Pseudoephedrine	HPLC-UV & LC-MS/MS	Plasma	10 + 5
4	Cinnarizine	LC-MS/MS	Plasma	10
5	Descarboethoxy Loratadine (Desloratadine)	LC-MS/MS	Plasma	0.05
6	Descarboethoxy Loratadine (Desloratadine) + Pseudoephedrine	LC-MS/MS	Plasma	0.05 + 5
7	Dextromethorphan + Cetirizine + Pseudoephedrine	HPLC-UV & LC-MS/MS	Plasma	1 + 10 + 5
8	Fexofenadine	LC-MS/MS	Plasma	10
9	Levocetirizine	LC-MS/MS	Plasma	5
10	Loratadine	LC-MS/MS	Plasma	0.1
11	Loratadine + Dextromethorphan + Pseudoephedrine	LC-MS/MS	Plasma	0.1 + 1 + 5
12	Loratadine + Pseudoephedrine	LC-MS/MS	Plasma	0.1 + 5
13	Pseudoephedrine + Tripolidine	LC-MS/MS	Plasma	5 + 0.2
14	Tripolidine	LC-MS/MS	Plasma	0.2
ANTIBIOTIC, ANTIMALARIA & ANTIFUNGAL				
15	Amoxicillin	LC-MS/MS	Plasma	100
16	Amoxicillin + Clavulanic Acid	LC-MS/MS	Plasma	100 + 10
17	Azithromycin	LC-MS/MS	Plasma	1
18	Cefadroxil	HPLC-UV	Plasma	500
19	Cefdinir	HPLC-UV	Plasma	50
20	Cefixime	HPLC-UV	Plasma	50
21	Cefuroxime	HPLC-UV	Plasma	100
22	Cephalexin	HPLC-UV	Plasma	250
23	Ciprofloxacin	HPLC-UV	Plasma	40
24	Clarithromycin	LC-MS/MS	Plasma	25
25	Clavulanic Acid	LC-MS/MS	Plasma	10
26	Dihydroartemisinin	LC-MS/MS	Plasma	0.5
27	Dihydroartemisinin + Piperaquine	LC-MS/MS	Plasma	0.5 + 1
28	Doxycycline	HPLC-UV	Plasma	50
29	Ethambutol	LC-MS/MS	Plasma	40
30	Fluconazole	HPLC-UV	Plasma	100
31	Hydroxychloroquine	LC-MS/MS	Plasma	1
32	Isoniazid	LC-MS/MS	Plasma	80
33	Isoniazid + Pyrazinamide	LC-MS/MS	Plasma	100 + 500
34	Isoniazid + Ethambutol + Pyrazinamide	LC-MS/MS	Plasma	30 + 40 + 180
35	Itraconazole	LC-MS/MS	Plasma	1
36	Ketoconazole	LC-MS/MS	Plasma	50
37	Levofloxacin	HPLC-UV	Plasma	50
38	Minocycline	HPLC-UV	Plasma	50
39	Moxifloxacin	HPLC-UV	Plasma	20
40	Ofloxacin	HPLC-UV	Plasma	100
41	Piperaquine	LC-MS/MS	Plasma	1
42	Pyrazinamide	HPLC-UV	Plasma	500

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
43	Rifampicin	HPLC-UV	Plasma	80
44	Rifampicin + Isoniazide	LC-MS/MS	Plasma	80 + 80
45	Rifampicin + Pyrazinamide	LC-MS/MS	Plasma	100 + 500
46	Rifampicin + Ethambutol	LC-MS/MS	Plasma	100 + 40
47	Rifampicin + Isoniazide + Ethambutol + Pyrazinamide	LC-MS/MS	Plasma	100 + 100 + 40 + 500
48	25-desacetyl rifampicin (Rifampicin metabolite)	HPLC-UV	Plasma	50
49	Linezolid	LC-MS/MS	Plasma	50
ANTIDIABETIC DRUGS				
50	Dapagliflozin	LC-MS/MS	Plasma	0.5
51	Empagliflozin	LC-MS/MS	Plasma	0.5
52	Empagliflozin + Linagliptin	LC-MS/MS	Plasma	0.5 + 0.04
53	Glibenclamide	LC-MS/MS	Plasma	1
54	Gliclazide	HPLC-UV	Plasma	80
55	Glimepiride	LC-MS/MS	Plasma	1
56	Glipizide	HPLC-UV	Plasma	20
57	Gliquidone	HPLC-UV	Plasma	10
58	Linagliptin	LC-MS/MS	Plasma	0.04
59	Lobeglitazone	LC-MS/MS	Plasma	2
60	Metformin	LC-MS/MS	Plasma	10
61	Metformin + Glimepiride	HPLC-UV & LC-MS/MS	Plasma	10 + 2
62	Pioglitazone	HPLC-UV	Plasma	30
63	Repaglinide	LC-MS/MS	Plasma	0.2
64	Sitagliptin	LC-MS/MS	Plasma	5
65	Sitagliptin + Metformin	LC-MS/MS	Plasma	5 + 10
66	Vildagliptin	LC-MS/MS	Plasma	2
67	Semaglutide	LC-MS/MS	Plasma	10
ANTIEMETIC				
68	Domperidone	LC-MS/MS	Plasma	0.2
69	Doxylamine (simultant with Pyridoxin and Pyridoxal)	LC-MS/MS	Plasma	1
70	Ondansetron	LC-MS/MS	Plasma	0.5
71	Pyridoxin	LC-MS/MS	Plasma	0.1
72	Pyridoxal	LC-MS/MS	Plasma	1
73	Granisetron	LC-MS/MS	Plasma	0.2
74	Metoclopramide	LC-MS/MS	Plasma	1
ANTIDYSLIPIDEMIA				
75	Atorvastatin	LC-MS/MS	Plasma	0.1
76	Atorvastatin + ortho-hydroxy atorvastatin + para-hydroxy atorvastatin	LC-MS/MS	Plasma	0.1 + 0.1 + 0.05
77	Ezetimibe (unconjugated)	LC-MS/MS	Plasma	0.1
78	Ezetimibe glucoronide (total)	LC-MS/MS	Plasma	3
79	Ezetimibe + Simvastatin	LC-MS/MS	Plasma	0.1 + 0.05
80	Fenofibric acid (Fenofibrate's metabolite)	LC-MS/MS	Plasma	20
81	Fenofibric acid (Fenofibrate's	HPLC-UV	Plasma	20

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
	metabolite)			
82	Fenofibric acid (Simultant method with Pitavastatin)	LC-MS/MS	Plasma	20
83	Fenofibric acid (Simultant method with Pravastatin)			
84	Lovastatin	LC-MS/MS	Plasma	0.08
85	Lovastatin acid (Lovastatin's metabolite)	LC-MS/MS	Plasma	0.2
86	Ortho-hydroxy atorvastatin (Atorvastatin's metabolite)	LC-MS/MS	Plasma	0.1
87	Para-hydroxy atorvastatin (Atorvastatin's metabolite)	LC-MS/MS	Plasma	0.05
88	Pitavastatin	LC-MS/MS	Plasma	1
89	Pravastatin	LC-MS/MS	Plasma	0.40
90	Rosuvastatin	LC-MS/MS	Plasma	0.5
91	Simvastatin	LC-MS/MS	Plasma	0.05
ANTIINFLAMMATORY, ANALGESICS, ANTIPYRETICS & ANTITUSIVE				
92	Acetylsalicylic Acid / Aspirin / Acetosal	HPLC-UV	Plasma	20
93	Acetylsalicylic Acid + Salicylic Acid	HPLC-UV	Plasma	20 + 500
94	Codeine	LC-MS/MS	Plasma	0.5
95	Diclofenac	HPLC-UV	Plasma	20
96	Diosmetin	LC-MS/MS	Plasma	0.20
97	Celecoxib	HPLC-UV	Plasma	10
98	Etoricoxib	HPLC-UV	Plasma	5
99	Ibuprofen	HPLC-UV	Plasma	200
100	Ketoprofen	HPLC-UV	Plasma	50
101	Meloxicam	HPLC-UV	Plasma	30
102	Mesalazine	LC-MS/MS	Plasma	5
103	Naproxen	HPLC-UV	Plasma	500
104	Pelubiprofen	LC-MS/MS	Plasma	5
105	Piroxicam	HPLC-UV	Plasma	25
106	Rhein (Diacerein's metabolite)	HPLC-UV	Plasma	200
107	Paracetamol/Acetaminophen	LC-MS/MS	Plasma	25
ANTINEOPLASTIC AGENT				
108	Abiraterone	LC-MS/MS	Plasma	0.2
109	Cabozantinib	LC-MS/MS	Plasma	10
110	Enzalutamide	LC-MS/MS	Plasma	50
111	Gefitinib	LC-MS/MS	Plasma	1
112	Gosereline	LC-MS/MS	Plasma	0.025
113	Hydroxyurea	LC-MS/MS	Plasma	250
114	Leuprolide	LC-MS/MS	Plasma	0.01
115	Nilotinib	LC-MS/MS	Plasma	10
ANTIOSTEOPOROSIS				
116	Alendronat	HPLC-FL	Urine	5
117	Risedronate	HPLC-UV	Urine	10
118	Risedronate	LC-MS/MS	Plasma	0.2
ANTIVIRAL				
119	Acyclovir	LC-MS/MS	Plasma	20
120	Efavirenz	HPLC-UV	Plasma	100
121	Efavirenz + Lamivudine	LC-MS/MS	Plasma	20 + 20

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
122	Emtricitabine	LC-MS/MS	Plasma	25
123	Entecavir	LC-MS/MS	Plasma	0.20
124	Lamivudine	HPLC-UV	Plasma	25
125	Lamivudine + Zidovudine	LC-MS/MS	Plasma	25 + 5
126	Oseltamivir Acid	LC-MS/MS	Plasma	10
127	Stavudine	HPLC-UV	Plasma	30
128	Tenofovir (Alafenamide)	LC-MS/MS	Plasma	0.3
129	Tenofovir Alafenamide + Tenofovir	LC-MS/MS	Plasma	2 + 0.3
130	Tenofovir Alafenamide	LC-MS/MS	Plasma	2
131	Tenofovir (Disoproxil)	LC-MS/MS	Plasma	5
132	Tenofovir + Emtricitabine	LC-MS/MS	Plasma	5 + 25
133	Valacyclovir	LC-MS/MS	Plasma	4
134	Zidovudine	LC-MS/MS	Plasma	5
135	Sofosbuvir	HPLC-UV	Plasma	2
136	Velpatasvir	HPLC-UV	Plasma	0.5
137	N4-Hydroxycytidine/NHC (Molnupiravir's metabolite)	HPLC-UV	Plasma	0.1
ANTIVERTIGO				
138	2-pyridil acetic acid (Betahistine's metabolite)	LC-MS/MS	Plasma	10
139	Flunarizine	LC-MS/MS	Plasma	1
CARDIOVASCULAR				
140	Amlodipine	LC-MS/MS	Plasma	0.05
141	Amlodipine + Candesartan	LC-MS/MS	Plasma	0.05 + 0.5
142	Amlodipine + Valsartan	LC-MS/MS	Plasma	0.05 + 50
143	S-Amlodipine (Simultant method - Telmisartan & Rosuvastatin)	LC-MS/MS	Plasma	0.025
144	Atenolol	LC-MS/MS	Plasma	5
145	Bisoprolol	LC-MS/MS	Plasma	0.2
146	Candesartan	LC-MS/MS	Plasma	0.5
147	Canrenone (Spironolactone's metabolite)	HPLC-UV	Plasma	2.5
148	Carvedilol	HPLC-FL	Plasma	5
149	Captopril	LC-MS/MS	Plasma	5
150	Captopril + Hydrochlorothiazide	LC-MS/MS & HPLC-UV	Plasma	5 + 10
151	Diltiazem	HPLC-UV	Plasma	1.5
152	Dipyridamole	HPLC-UV	Plasma	10
153	Felodipine	LC-MS/MS	Plasma	0.05
154	Hydrochlorothiazide	HPLC-UV	Plasma	2
155	Indapamide	LC-MS/MS	Blood	0.5
156	Irbesartan	HPLC-FL	Plasma	25
157	Isosorbide-5-mononitrate	LC-MS/MS	Plasma	1
158	1,2-Glyceryl Dinitrate	LC-MS/MS	Plasma	0.01
159	1,3-Glyceryl Dinitrate	LC-MS/MS	Plasma	0.01
160	1,2-Glyceryl Dinitrate + 1,3-Glyceryl Dinitrate	LC-MS/MS	Plasma	0.05 + 0.05
161	Lercanidipine	LC-MS/MS	Plasma	0.05
162	Lisinopril	LC-MS/MS	Plasma	1
163	Losartan	LC-MS/MS	Plasma	5.0

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
164	Losartan carboxylic acid (Losartan's metabolite)	LC-MS/MS	Plasma	5.0
165	Losartan + Losartan Carboxylic Acid	LC-MS/MS	Plasma	5 + 5
166	Methyldopa	LC-MS/MS	Plasma	20
167	Metoprolol	HPLC-FL	Plasma	5
168	Nebivolol	LC-MS/MS	Plasma	0.03
169	Nifedipine	LC-MS/MS	Plasma	1
170	Olmesartan	LC-MS/MS	Plasma	2.5
171	Olmesartan (simultant with Amlodipine)	LC-MS/MS	Plasma	2.5 + 0.05
172	Perindopril	LC-MS/MS	Plasma	0.5
173	Perindoprilat (Perindopril's metabolite)	LC-MS/MS	Plasma	0.5
174	Perindopril + Perindoprilat	LC-MS/MS	Plasma	0.5 + 0.5
175	Ramipril	LC-MS/MS	Plasma	0.3
176	Ramiprilat (Ramipril's metabolite)	LC-MS/MS	Plasma	0.5
177	Ramipril + Ramiprilat	LC-MS/MS	Plasma	0.3 + 0.5
178	Ranolazine	LC-MS/MS	Plasma	10
179	Salicylic acid	HPLC-UV	Plasma	100
180	Spironolactone	LC-MS/MS	Plasma	1.0
181	Telmisartan	LC-MS/MS	Plasma	4
182	Telmisartan + Amlodipine	LC-MS/MS	Plasma	4 + 0.05
183	Trimetazidine	LC-MS/MS	Plasma	0.5
184	Valsartan	HPLC-FL	Plasma	50
185	Valsartan	LC-MS/MS	Plasma	50
186	Furosemide	HPLC-UV	Plasma	10
ANTICONVULSANT AND DRUG ACTING ON CENTRAL NERVOUS SYSTEM				
187	Alprazolam	LC-MS/MS	Plasma	0.4
188	Aripiprazole	LC-MS/MS	Plasma	0.5
189	Clobazam (parent compound)	LC-MS/MS	Plasma	1
190	Clobazam + N-desmethyclobazam	LC-MS/MS	Plasma	1 + 0.5
191	Clozapine	LC-MS/MS	Plasma	1
192	Donepezil	LC-MS/MS	Plasma	0.1
193	Fluoxetine	LC-MS/MS	Plasma	0.2
194	Gabapentin	LC-MS/MS	Plasma	50
195	Galantamine	LC-MS/MS	Plasma	0.4
196	Levetiracetam	HPLC-UV	Plasma	500
197	Memantine	LC-MS/MS	Plasma	1
198	Mirtazapine	LC-MS/MS	Plasma	0.2
199	N-desmethyclobazam (metabolite)	LC-MS/MS	Plasma	0.5
200	Olanzapine	LC-MS/MS	Plasma	0.2
201	Phenytoin	LC-MS/MS	Plasma	10.0
202	Pramipexole	LC-MS/MS	Plasma	0.01
203	Pregabalin	LC-MS/MS	Plasma	10
204	Risperidone	LC-MS/MS	Plasma	0.1
205	Valproic acid (Divalproex sodium's metabolite)	LC-MS/MS	Plasma	200
206	Zolpidem	LC-MS/MS	Plasma	5
CORTICOSTEROID, HORMONES & CONTRACEPTIVES				
207	17-β-Estradiol	LC-MS/MS	Plasma	0.01
208	Betamethasone	LC-MS/MS	Plasma	0.1

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
209	Budesonide	LC-MS/MS	Plasma	0.01
210	Cyproterone Acetate	LC-MS/MS	Plasma	0.50
211	Cyproterone Acetate + Ethinylestradiol	LC-MS/MS	Plasma	0.5 + 0.003
212	Dienogest	LC-MS/MS	Plasma	1
213	Drospirenone	LC-MS/MS	Plasma	2.50
214	Drospirenone + Ethinylestradiol	LC-MS/MS	Plasma	2.5 + 0.003
215	Ethinylestradiol	LC-MS/MS	Plasma	0.003
216	Etonogestrel / 3-ketodesogestrel	LC-MS/MS	Plasma	0.03
217	Levonorgestrel	LC-MS/MS	Plasma	0.1
218	Levonorgestrel + Ethinylestradiol	LC-MS/MS	Plasma	0.1 + 0.003
219	Levothyroxine	LC-MS/MS	Plasma	5.00
220	Medroxyprogesterone acetate	LC-MS/MS	Plasma	0.05
221	Melatonin	LC-MS/MS	Plasma	0.005
222	Methylprednisolone	LC-MS/MS	Plasma	1
223	Norethisterone	LC-MS/MS	Plasma	1
224	Progesterone	LC-MS/MS	Plasma	0.20
225	Somatropin	LC-MS/MS	Plasma	0.94
DRUG ACTING ON GASTROINTESTINAL SYSTEM				
226	Docusate	LC-MS/MS	Plasma	5
227	Esomeprazole	LC-MS/MS	Plasma	50
228	Famotidine	LC-MS/MS	Plasma	1
229	Lansoprazole	LC-MS/MS	Plasma	5
230	Mesalazine	LC-MS/MS	Plasma	5
231	Omeprazole	LC-MS/MS	Plasma	2
232	Pantoprazole	LC-MS/MS	Plasma	50
233	Rabeprazole	LC-MS/MS	Plasma	5
234	Rebamipide	LC-MS/MS	Plasma	5
235	Ursodeoxycholic acid	LC-MS/MS	Plasma	50
236	Glycoursodeoxycholic Acid	LC-MS/MS	Plasma	20
237	Tauroursodeoxycholic Acid	LC-MS/MS	Plasma	5
238	Tegoprazan	LC-MS/MS	Plasma	20
239	Vonoprazan	LC-MS/MS	Plasma	0.5
DRUG ACTING ON RESPIRATORY SYSTEM				
240	Dextromethorphan	LC-MS/MS	Plasma	1
241	Erdosteine	LC-MS/MS	Plasma	25
242	Montelukast	LC-MS/MS	Plasma	5
243	Pranlukast	LC-MS/MS	Plasma	10
244	Pseudoephedrine	LC-MS/MS	Plasma	5
245	Roflumilast	LC-MS/MS	Plasma	0.1
246	Theophylline	LC-MS/MS	Plasma	200
DRUG FOR BLADDER & PROSTATE DISORDERS				
247	Mirabegron	LC-MS/MS	Plasma	0.2
248	Tamsulosin	LC-MS/MS	Plasma	0.1
249	Terazosin	LC-MS/MS	Plasma	1
ANTICOAGULANT & ANTIPLATELET				
250	Apixaban	LC-MS/MS	Plasma	1
251	Cilostazol	LC-MS/MS	Plasma	10
252	Clopidogrel	LC-MS/MS	Plasma	0.005
253	Clopidogrel + metabolites	LC-MS/MS	Plasma	0.005 + 5

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
254	Deferiprone	HPLC-UV	Plasma	250
255	Edoxaban	LC-MS/MS	Plasma	1
256	Rivaroxaban	LC-MS/MS	Plasma	2
257	Ticagrelor	LC-MS/MS	Plasma	10
258	Warfarin	LC-MS/MS	Plasma	5
DRUG FOR ERECTILE DISFUNCTION				
259	Piperazine-N-desmethylsildenafil (Sildenafil's metabolite)	LC-MS/MS	Plasma	4
260	Sildenafil	LC-MS/MS	Plasma	10
261	Sildenafil + metabolites	LC-MS/MS	Plasma	10 + 4
262	Tadalafil	LC-MS/MS	Plasma	5
DRUG FOR PARKINSON'S DISEASE				
263	Carbidopa	LC-MS/MS	Plasma	3
264	Entacapone	LC-MS/MS	Plasma	30
265	Levodopa	LC-MS/MS	Plasma	30
266	Levodopa + Carbidopa + Entacapone	LC-MS/MS	Plasma	5 + 30 + 30
DRUG FOR RHEUMATOID ARTHRITIS				
267	Febuxostat	LC-MS/MS	Plasma	25
IMMUNOSUPPRESSANT				
268	Mycophenolic Acid	LC-MS/MS	Plasma	10
SKELETAL MUSCLE RELAXANTS				
269	Tizanidine	LC-MS/MS	Plasma	0.02
270	Orphenadrine (Simultant method with Paracetamol)	LC-MS/MS	Plasma	0.1
ANTI-FIBROTIC AGENTS				
271	Nintedanib	LC-MS/MS	Plasma	0.5
ANTI-OXIDANT				
272	Astaxanthin	LC-MS/MS	Plasma	5
BRONCHODILATOR				
273	Salbutamol	LC-MS/MS	Plasma	0.1
ANTIANDROGEN				
274	Dutasteride	LC-MS/MS	Plasma	0.05
275	Dutasteride (Simultant method with Tamsulosin)	LC-MS/MS	Plasma	0.05

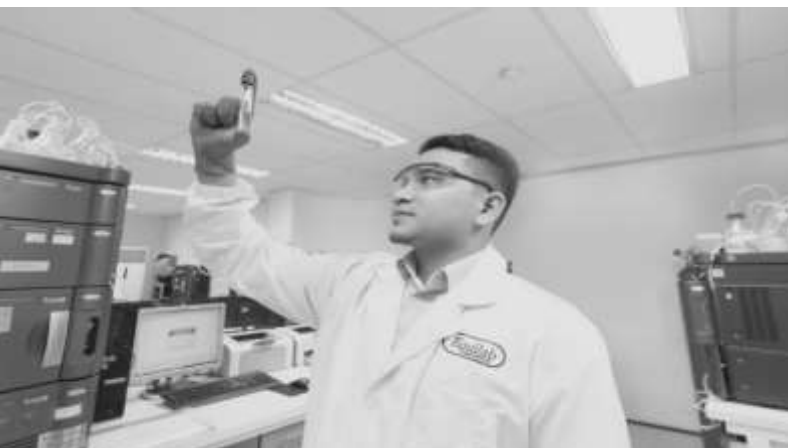
IDENTIFIED & UNDER DEVELOPMENT BIOANALYTICAL METHOD

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
1	Ilaprazole	LC-MS/MS	Plasma	
2	Apalutamide	LC-MS/MS	Plasma	
3	Azilsartan	LC-MS/MS	Plasma	
4	Thiamazole	LC-MS/MS	Plasma	
5	Enzalutamide	LC-MS/MS	Plasma	
6	Cholecalciferol	LC-MS/MS	Plasma	
7	Flecainide	LC-MS/MS	Plasma	
8	Rupatadine	LC-MS/MS	Plasma	
9	Pelubipofen	LC-MS/MS	Plasma	
10	Anastrozole	LC-MS/MS	Plasma	
11	Tamoxifen	LC-MS/MS	Plasma	
12	Methotrexate	LC-MS/MS	Plasma	



Your Ultimate Research Partner

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
13	Capecitabine	LC-MS/MS	Plasma	
14	Tirzepatide	LC-MS/MS	Plasma	



**Your Ultimate Research
Partner**

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