



**August
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 + Loratadine + Desloratadine	LC-MS/MS	Plasma	5 + 0.1 + 0.05
14	Pseudoephedrine + Triprolidine	LC-MS/MS	Plasma	5 + 0.2
15	Rupatadine	LC-MS/MS	Plasma	0.1
16	Triprolidine	LC-MS/MS	Plasma	0.2
ANTIBIOTIC, ANTIMALARIA & ANTIFUNGAL				
17	Amoxicillin	LC-MS/MS	Plasma	100
18	Amoxicillin + Clavulanic Acid	LC-MS/MS	Plasma	100 + 10
19	Azithromycin	LC-MS/MS	Plasma	1
20	Cefadroxil	HPLC-UV	Plasma	500
21	Cefdinir	HPLC-UV	Plasma	50
22	Cefixime	HPLC-UV	Plasma	50
23	Cefuroxime	HPLC-UV	Plasma	100
24	Cephalexin	HPLC-UV	Plasma	250
25	Ciprofloxacin	HPLC-UV	Plasma	40
26	Clarithromycin	LC-MS/MS	Plasma	25
27	Clavulanic Acid	LC-MS/MS	Plasma	10
28	Dihydroartemisinin	LC-MS/MS	Plasma	0.5
29	Dihydroartemisinin + Piperazine	LC-MS/MS	Plasma	0.5 + 1
30	Doxycycline	HPLC-UV	Plasma	50
31	Ethambutol	LC-MS/MS	Plasma	40
32	Fluconazole	HPLC-UV	Plasma	100
33	Hydroxychloroquine	LC-MS/MS	Plasma	1
34	Isoniazid	LC-MS/MS	Plasma	80
35	Isoniazid + Pyrazinamide	LC-MS/MS	Plasma	100 + 500
36	Isoniazid + Ethambutol + Pyrazinamide	LC-MS/MS	Plasma	30 + 40 + 180
37	Itraconazole	LC-MS/MS	Plasma	1
38	Ketoconazole	LC-MS/MS	Plasma	50
39	Levofloxacin	HPLC-UV	Plasma	50
40	Minocycline	HPLC-UV	Plasma	50
41	Moxifloxacin	HPLC-UV	Plasma	20

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

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

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
123	Risedronate	LC-MS/MS	Plasma	0.2
ANTIVIRAL				
124	Acyclovir	LC-MS/MS	Plasma	20
125	Efavirenz	HPLC-UV	Plasma	100
126	Efavirenz + Lamivudine	LC-MS/MS	Plasma	20 + 20
127	Emtricitabine	LC-MS/MS	Plasma	25
128	Entecavir	LC-MS/MS	Plasma	0.20
129	Lamivudine	HPLC-UV	Plasma	25
130	Lamivudine + Zidovudine	LC-MS/MS	Plasma	25 + 5
131	Oseltamivir Acid	LC-MS/MS	Plasma	10
132	Stavudine	HPLC-UV	Plasma	30
133	Tenofovir (Alafenamide)	LC-MS/MS	Plasma	0.3
134	Tenofovir Alafenamide + Tenofovir	LC-MS/MS	Plasma	2 + 0.3
135	Tenofovir Alafenamide	LC-MS/MS	Plasma	2
136	Tenofovir (Disoproxil)	LC-MS/MS	Plasma	5
137	Tenofovir + Emtricitabine	LC-MS/MS	Plasma	5 + 25
138	Valacyclovir	LC-MS/MS	Plasma	4
139	Zidovudine	LC-MS/MS	Plasma	5
140	Sofosbuvir	HPLC-UV	Plasma	2
141	Velpatasvir	HPLC-UV	Plasma	0.5
142	N4-Hydroxycytidine/NHC (Molnupiravir's metabolite)	HPLC-UV	Plasma	0.1
ANTIVERTIGO				
143	2-pyridil acetic acid (Betahistine's metabolite)	LC-MS/MS	Plasma	10
144	Flunarizine	LC-MS/MS	Plasma	1
CARDIOVASCULAR				
145	Amlodipine	LC-MS/MS	Plasma	0.05
146	Amlodipine + Candesartan	LC-MS/MS	Plasma	0.05 + 0.5
147	Amlodipine + Valsartan	LC-MS/MS	Plasma	0.05 + 50
148	S-Amlodipine (Simultant method - Telmisartan & Rosuvastatin)	LC-MS/MS	Plasma	0.025
149	Atenolol	LC-MS/MS	Plasma	5
150	Bisoprolol	LC-MS/MS	Plasma	0.2
151	Candesartan	LC-MS/MS	Plasma	0.5
152	Canrenone (Spironolactone's metabolite)	HPLC-UV	Plasma	2.5
153	Carvedilol	HPLC-FL	Plasma	5
154	Captopril	LC-MS/MS	Plasma	5
155	Captopril + Hydrochlorothiazide	LC-MS/MS & HPLC-UV	Plasma	5 + 10
156	Diltiazem	HPLC-UV	Plasma	1.5
157	Dipyridamole	HPLC-UV	Plasma	10
158	Felodipine	LC-MS/MS	Plasma	0.05
159	Hydrochlorothiazide	HPLC-UV	Plasma	2
160	Indapamide	LC-MS/MS	Blood	0.5
161	Irbesartan	LC-MS/MS	Plasma	25
162	Isosorbide-5-mononitrate	LC-MS/MS	Plasma	1
163	1,2-Glyceryl Dinitrate	LC-MS/MS	Plasma	0.01
164	1,3-Glyceryl Dinitrate	LC-MS/MS	Plasma	0.01

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
165	1,2-Glyceryl Dinitrate + 1,3-Glyceryl Dinitrate	LC-MS/MS	Plasma	0.05 + 0.05
166	Lercanidipine	LC-MS/MS	Plasma	0.05
167	Lisinopril	LC-MS/MS	Plasma	1
168	Losartan	LC-MS/MS	Plasma	5.0
169	Losartan carboxylic acid (Losartan's metabolite)	LC-MS/MS	Plasma	5.0
170	Losartan + Losartan Carboxylic Acid	LC-MS/MS	Plasma	5 + 5
171	Methyldopa	LC-MS/MS	Plasma	20
172	Metoprolol	HPLC-FL	Plasma	5
173	Nebivolol	LC-MS/MS	Plasma	0.03
174	Nifedipine	LC-MS/MS	Plasma	1
175	Olmesartan	LC-MS/MS	Plasma	2.5
176	Olmesartan (simultant with Amlodipine)	LC-MS/MS	Plasma	2.5 + 0.05
177	Perindopril	LC-MS/MS	Plasma	0.5
178	Perindoprilat (Perindopril's metabolite)	LC-MS/MS	Plasma	0.5
179	Perindopril + Perindoprilat	LC-MS/MS	Plasma	0.5 + 0.5
180	Ramipril	LC-MS/MS	Plasma	0.3
181	Ramiprilat (Ramipril's metabolite)	LC-MS/MS	Plasma	0.5
182	Ramipril + Ramiprilat	LC-MS/MS	Plasma	0.3 + 0.5
183	Ranolazine	LC-MS/MS	Plasma	10
184	Sacubitril	LC-MS/MS	Plasma	20
185	Sacubitril + Valsartan	LC-MS/MS	Plasma	20 + 50
186	Salicylic acid	HPLC-UV	Plasma	100
187	Spironolactone	LC-MS/MS	Plasma	1.0
188	Telmisartan	LC-MS/MS	Plasma	1
189	Telmisartan + Amlodipine	LC-MS/MS	Plasma	4 + 0.05
190	Trimetazidine	LC-MS/MS	Plasma	0.5
191	Valsartan	HPLC-FL	Plasma	50
192	Valsartan	LC-MS/MS	Plasma	50
193	Furosemide	HPLC-UV	Plasma	10
ANTICONVULSANT AND DRUG ACTING ON CENTRAL NERVOUS SYSTEM				
194	Alprazolam	LC-MS/MS	Plasma	0.4
195	Aripiprazole	LC-MS/MS	Plasma	0.5
196	Clobazam (parent compound)	LC-MS/MS	Plasma	1
197	Clobazam + N-desmethyclobazam	LC-MS/MS	Plasma	1 + 0.5
198	Clozapine	LC-MS/MS	Plasma	1
199	Donepezil	LC-MS/MS	Plasma	0.1
200	Fluoxetine	LC-MS/MS	Plasma	0.2
201	Gabapentin	LC-MS/MS	Plasma	50
202	Galantamine	LC-MS/MS	Plasma	0.4
203	Levetiracetam	HPLC-UV	Plasma	500
204	Memantine	LC-MS/MS	Plasma	1
205	Mirtazapine	LC-MS/MS	Plasma	0.2
206	N-desmethyclobazam (metabolite)	LC-MS/MS	Plasma	0.5
207	Olanzapine	LC-MS/MS	Plasma	0.2
208	Phenytoin	LC-MS/MS	Plasma	10.0
209	Pramipexole	LC-MS/MS	Plasma	0.01
210	Pregabalin	LC-MS/MS	Plasma	10

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
211	Risperidone	LC-MS/MS	Plasma	0.1
212	Valproic acid (Divalproex sodium's metabolite)	LC-MS/MS	Plasma	200
213	Zolpidem	LC-MS/MS	Plasma	5
CORTICOSTEROID, HORMONES & CONTRACEPTIVES				
214	17-β-Estradiol	LC-MS/MS	Plasma	0.01
215	Betamethasone	LC-MS/MS	Plasma	0.1
216	Budesonide	LC-MS/MS	Plasma	0.01
217	Cyproterone Acetate	LC-MS/MS	Plasma	0.50
218	Cyproterone Acetate + Ethinylestradiol	LC-MS/MS	Plasma	0.5 + 0.003
219	Dienogest	LC-MS/MS	Plasma	1
220	Drospirenone	LC-MS/MS	Plasma	2.50
221	Drospirenone + Ethinylestradiol	LC-MS/MS	Plasma	2.5 + 0.003
222	Ethinylestradiol	LC-MS/MS	Plasma	0.003
223	Etonogestrel / 3-ketodesogestrel	LC-MS/MS	Plasma	0.03
224	Levonorgestrel	LC-MS/MS	Plasma	0.1
225	Levonorgestrel + Ethinylestradiol	LC-MS/MS	Plasma	0.1 + 0.003
226	Levothyroxine	LC-MS/MS	Plasma	5.00
227	Medroxyprogesterone acetate	LC-MS/MS	Plasma	0.05
228	Melatonin	LC-MS/MS	Plasma	0.005
229	Methylprednisolone	LC-MS/MS	Plasma	1
230	Norethisterone	LC-MS/MS	Plasma	1
231	Progesterone	LC-MS/MS	Plasma	0.20
232	Somatropin	LC-MS/MS	Plasma	0.94
DRUG ACTING ON GASTROINTESTINAL SYSTEM				
233	Docusate	LC-MS/MS	Plasma	5
234	Esomeprazole	LC-MS/MS	Plasma	50
235	Famotidine	LC-MS/MS	Plasma	1
236	Fexuprazan	LC-MS/MS	Plasma	0.2
237	Ilaprazole	LC-MS/MS	Plasma	10
238	Lansoprazole	LC-MS/MS	Plasma	5
239	Mesalazine	LC-MS/MS	Plasma	5
240	Omeprazole	LC-MS/MS	Plasma	2
241	Padoprazan	LC-MS/MS	Plasma	1
242	Pantoprazole	LC-MS/MS	Plasma	50
243	Rabeprazole	LC-MS/MS	Plasma	5
244	Rebamipide	LC-MS/MS	Plasma	5
245	Ursodeoxycholic acid	LC-MS/MS	Plasma	50
246	Glycoursodeoxycholic Acid	LC-MS/MS	Plasma	20
247	Tauroursodeoxycholic Acid	LC-MS/MS	Plasma	5
248	Tegoprazan	LC-MS/MS	Plasma	20
249	Vonoprazan	LC-MS/MS	Plasma	0.5
DRUG ACTING ON RESPIRATORY SYSTEM				
250	Dextromethorphan	LC-MS/MS	Plasma	1
251	Erdosteine	LC-MS/MS	Plasma	25
252	Montelukast	LC-MS/MS	Plasma	5
253	Pranlukast	LC-MS/MS	Plasma	10
254	Pseudoephedrine	LC-MS/MS	Plasma	5
255	Roflumilast	LC-MS/MS	Plasma	0.1
256	Theophylline	LC-MS/MS	Plasma	200

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
DRUG FOR BLADDER & PROSTATE DISORDERS				
257	Alfuzosin	LC-MS/MS	Plasma	0.2
258	Mirabegron	LC-MS/MS	Plasma	0.2
259	Tamsulosin	LC-MS/MS	Plasma	0.1
260	Terazosin	LC-MS/MS	Plasma	1
ANTICOAGULANT & ANTIPLATELET				
261	Apixaban	LC-MS/MS	Plasma	1
262	Cilostazol	LC-MS/MS	Plasma	10
263	Clopidogrel	LC-MS/MS	Plasma	0.005
264	Clopidogrel + metabolites	LC-MS/MS	Plasma	0.005 + 5
265	Deferiprone	HPLC-UV	Plasma	250
266	Edoxaban	LC-MS/MS	Plasma	1
267	Rivaroxaban	LC-MS/MS	Plasma	2
268	Ticagrelor	LC-MS/MS	Plasma	10
269	Warfarin	LC-MS/MS	Plasma	5
DRUG FOR ERECTILE DYSFUNCTION				
270	Piperazine-N-desmethylsildenafil (Sildenafil's metabolite)	LC-MS/MS	Plasma	4
271	Sildenafil	LC-MS/MS	Plasma	10
272	Sildenafil + metabolites	LC-MS/MS	Plasma	10 + 4
273	Tadalafil	LC-MS/MS	Plasma	5
DRUG FOR PARKINSON'S DISEASE				
274	Carbidopa	LC-MS/MS	Plasma	3
275	Entacapone	LC-MS/MS	Plasma	30
276	Levodopa	LC-MS/MS	Plasma	30
277	Levodopa + Carbidopa + Entacapone	LC-MS/MS	Plasma	30 + 3 + 30
DRUG FOR RHEUMATOID ARTHRITIS				
278	Febuxostat	LC-MS/MS	Plasma	25
IMMUNOSUPPRESSANT				
279	Mycophenolic Acid	LC-MS/MS	Plasma	10
SKELETAL MUSCLE RELAXANTS				
280	Tizanidine	LC-MS/MS	Plasma	0.02
281	Orphenadrine (Simultant method with Paracetamol)	LC-MS/MS	Plasma	0.1
ANTI-FIBROTIC AGENTS				
282	Nintedanib	LC-MS/MS	Plasma	0.5
ANTI-OXIDANT				
283	Astaxanthin	LC-MS/MS	Plasma	5
BRONCHODILATOR				
284	Salbutamol	LC-MS/MS	Plasma	0.1
ANTIANDROGEN				
285	Dutasteride	LC-MS/MS	Plasma	0.05
286	Dutasteride (Simultant method with Tamsulosin)	LC-MS/MS	Plasma	0.05



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IDENTIFIED & UNDER DEVELOPMENT BIOANALYTICAL METHOD

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
1	Methotrexate	LC-MS/MS	Plasma	
2	Albendazol	LC-MS/MS	Plasma	
3	Thiamazole	LC-MS/MS	Plasma	
4	Flecainide	LC-MS/MS	Plasma	
5	Azilsartan	LC-MS/MS	Plasma	
6	Dolutegravir	LC-MS/MS	Plasma	
7	Cefaclor	LC-MS/MS	Plasma	
8	Tamoxifen	LC-MS/MS	Plasma	
9	Lynestrenol	LC-MS/MS	Plasma	
10	Capecitabine	LC-MS/MS	Plasma	
11	Apalutamide	LC-MS/MS	Plasma	
12	Tirzepatide	LC-MS/MS	Plasma	
13	Tofacitinib	LC-MS/MS	Plasma	
14	Sulpiride	LC-MS/MS	Plasma	
15	Rifaximin	LC-MS/MS	Plasma	
16	Dovramillast	LC-MS/MS	Plasma	
17	Enavogliflozin	LC-MS/MS	Plasma	
18	Venetoclax	LC-MS/MS	Plasma	



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