



**March
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 + Triprolidine	LC-MS/MS	Plasma	5 + 0.2
14	Triprolidine	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	Clavulanic Acid	LC-MS/MS	Plasma	10
25	Dihydroartemisinin	LC-MS/MS	Plasma	0.5
26	Dihydroartemisinin + Piperaquine	LC-MS/MS	Plasma	0.5 + 1
27	Doxycycline	HPLC-UV	Plasma	50
28	Ethambutol	LC-MS/MS	Plasma	40
29	Fluconazole	HPLC-UV	Plasma	100
30	Hydroxychloroquine	LC-MS/MS	Plasma	1
31	Isoniazid	LC-MS/MS	Plasma	80
32	Isoniazid + Pyrazinamide	LC-MS/MS	Plasma	100 + 500
33	Isoniazid + Ethambutol + Pyrazinamide	LC-MS/MS	Plasma	30 + 40 + 180
34	Itraconazole	LC-MS/MS	Plasma	1
35	Ketoconazole	LC-MS/MS	Plasma	50
36	Levofloxacin	HPLC-UV	Plasma	50
37	Minocycline	HPLC-UV	Plasma	50
38	Moxifloxacin	HPLC-UV	Plasma	20
39	Ofloxacin	HPLC-UV	Plasma	100
40	Piperaquine	LC-MS/MS	Plasma	1
41	Pyrazinamide	HPLC-UV	Plasma	500
42	Rifampicin	HPLC-UV	Plasma	80

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

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

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

No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
164	Methyldopa	LC-MS/MS	Plasma	20
165	Metoprolol	HPLC-FL	Plasma	5
166	Nebivolol	LC-MS/MS	Plasma	0.03
167	Nifedipine	LC-MS/MS	Plasma	1
168	Olmesartan	LC-MS/MS	Plasma	2.5
169	Olmesartan (simultant with Amlodipine)	LC-MS/MS	Plasma	2.5 + 0.05
170	Perindopril	LC-MS/MS	Plasma	0.5
171	Perindoprilat (Perindopril's metabolite)	LC-MS/MS	Plasma	0.5
172	Perindopril + Perindoprilat	LC-MS/MS	Plasma	0.5 + 0.5
173	Ramipril	LC-MS/MS	Plasma	0.3
174	Ramiprilat (Ramipril's metabolite)	LC-MS/MS	Plasma	0.5
175	Ramipril + Ramprilat	LC-MS/MS	Plasma	0.3 + 0.5
176	Ranolazine	LC-MS/MS	Plasma	10
177	Salicylic acid	HPLC-UV	Plasma	100
178	Spironolactone	LC-MS/MS	Plasma	1.0
179	Telmisartan	LC-MS/MS	Plasma	4
180	Telmisartan + Amlodipine	LC-MS/MS	Plasma	4 + 0.05
181	Trimetazidine	LC-MS/MS	Plasma	0.5
182	Valsartan	HPLC-FL	Plasma	50
183	Valsartan	LC-MS/MS	Plasma	50
184	Furosemide	HPLC-UV	Plasma	10
ANTICONVULSANT AND DRUG ACTING ON CENTRAL NERVOUS SYSTEM				
185	Alprazolam	LC-MS/MS	Plasma	0.4
186	Aripiprazole	LC-MS/MS	Plasma	0.5
187	Clobazam (parent compound)	LC-MS/MS	Plasma	1
188	Clobazam + N-desmethyloclobazam	LC-MS/MS	Plasma	1 + 0.5
189	Clozapine	LC-MS/MS	Plasma	1
190	Donepezil	LC-MS/MS	Plasma	0.1
191	Fluoxetine	LC-MS/MS	Plasma	0.2
192	Gabapentin	LC-MS/MS	Plasma	50
193	Galantamine	LC-MS/MS	Plasma	0.4
194	Levetiracetam	HPLC-UV	Plasma	500
195	Memantine	LC-MS/MS	Plasma	1
196	Mirtazapine	LC-MS/MS	Plasma	0.2
197	N-desmethyloclobazam (metabolite)	LC-MS/MS	Plasma	0.5
198	Olanzapine	LC-MS/MS	Plasma	0.2
199	Phenytoin	LC-MS/MS	Plasma	10.0
200	Pramipexole	LC-MS/MS	Plasma	0.01
201	Pregabalin	LC-MS/MS	Plasma	10
202	Risperidone	LC-MS/MS	Plasma	0.1
203	Valproic acid (Divalproex sodium's metabolite)	LC-MS/MS	Plasma	200
204	Zolpidem	LC-MS/MS	Plasma	5
CORTICOSTEROID, HORMONES & CONTRACEPTIVES				
205	17-β-Estradiol	LC-MS/MS	Plasma	0.01
206	Betamethasone	LC-MS/MS	Plasma	0.1
207	Budesonide	LC-MS/MS	Plasma	0.01
208	Cyproterone Acetate	LC-MS/MS	Plasma	0.50
209	Cyproterone Acetate + Ethinylestradiol	LC-MS/MS	Plasma	0.5 + 0.003

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

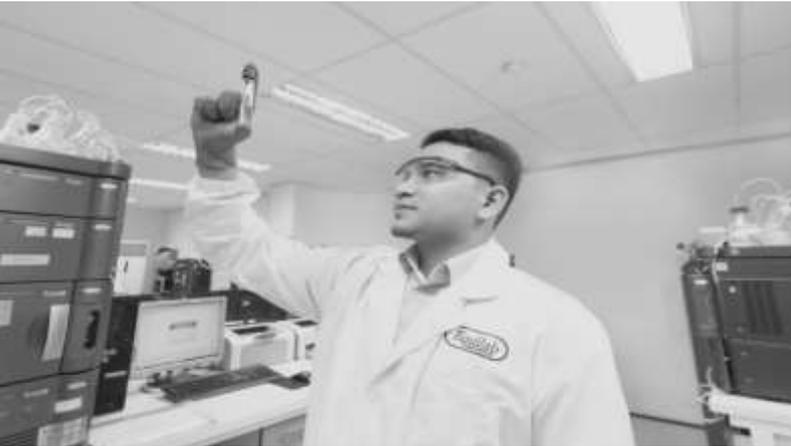
No	Compound	Method	Biological Matrix	LLOQ (ng/mL)
255	Ticagrelor	LC-MS/MS	Plasma	10
256	Warfarin	LC-MS/MS	Plasma	5
DRUG FOR ERECTILE DISFUNCTION				
257	Piperazine-N-desmethylsildenafil (Sildenafil's metabolite)	LC-MS/MS	Plasma	4
258	Sildenafil	LC-MS/MS	Plasma	10
259	Sildenafil + metabolites	LC-MS/MS	Plasma	10 + 4
260	Tadalafil	LC-MS/MS	Plasma	5
DRUG FOR PARKINSON'S DISEASE				
261	Carbidopa	LC-MS/MS	Plasma	3
262	Entacapone	LC-MS/MS	Plasma	30
263	Levodopa	LC-MS/MS	Plasma	30
264	Levodopa + Carbidopa + Entacapone	LC-MS/MS	Plasma	5 + 30 + 30
DRUG FOR RHEUMATOID ARTHRITIS				
265	Febuxostat	LC-MS/MS	Plasma	25
IMMUNOSUPPRESSANT				
266	Mycophenolic Acid	LC-MS/MS	Plasma	10
SKELETAL MUSCLE RELAXANTS				
267	Tizanidine	LC-MS/MS	Plasma	0.02
268	Orphenadrine (Simultant method with Paracetamol)	LC-MS/MS	Plasma	0.1
ANTI-FIBROTIC AGENTS				
269	Nintedanib	LC-MS/MS	Plasma	0.5
ANTI-OXIDANT				
270	Astaxanthin	LC-MS/MS	Plasma	5
BRONCHODILATOR				
271	Salbutamol	LC-MS/MS	Plasma	0.1
ANTIANDROGEN				
272	Dutasteride	LC-MS/MS	Plasma	0.05
273	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	Clarithromycin	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	Pelubiprofen	LC-MS/MS	Plasma	
10	Anastrozole	LC-MS/MS	Plasma	
11	Tamoxifen	LC-MS/MS	Plasma	
12	Methotrexate	LC-MS/MS	Plasma	
13	Capecitabine	LC-MS/MS	Plasma	
14	Tirzepatide	LC-MS/MS	Plasma	



Your Ultimate Research Partner



**Your Ultimate Research
Partner**

Jl. RS Fatmawati Persil 33 Cilandak Barat Cilandak
Jakarta Selatan 12430 Indonesia

P. +6221 7695513

W. equilab-int.com

E. info@equilab-int.com