



Validation Method

BIOMETRIK RISET INDONESIA

INDEPENDENT, RELIABLE, ACCURATE

SCOPE OF VALIDATED BIOANALYTICAL METHOD

No	COMPOUND	MATRIX	METHOD	LLOQ (ng/mL)
1	Amlodipine	Plasma	UPLC MS/MS	0.1
2	Acyclovir	Plasma	UPLC MS/MS	5
3	Alprazolam	Plasma	UPLC MS/MS	0.1
4	Amlodipine - Valsartan	Plasma	UPLC MS/MS	0.1 - 5
5	Aripiprazole	Plasma	UPLC MS/MS	1
6	Atorvastatin	Plasma	UPLC MS/MS	0.1
7	Azithromycin	Plasma	UPLC MS/MS	5
8	Bisoprolol	Plasma	UPLC MS/MS	0.1
9	Candesartan	Plasma	UPLC MS/MS	0
10	Carvedilol	Plasma	UPLC MS/MS	0.5

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SCOPE OF VALIDATED BIOANALYTICAL METHOD

No	COMPOUND	MATRIX	METHOD	LLOQ (ng/mL)
11	Cefixime	Plasma	LCMS-MS	25
12	Celecoxib	Plasma	LCMS-MS	5
13	Ciprofloxacin	Plasma	LCMS-MS	10
14	Clobazam	Plasma	LCMS-MS	0,5
15	Clopidogrel	Plasma	LCMS-MS	0,01
16	Clozapine	Plasma	LCMS-MS	1
17	Colchicine	Plasma	LCMS-MS	0,05
18	Diazepam	Plasma	LCMS-MS	100
19	Diclofenac	Plasma	LCMS-MS	10
20	Diltiazem	Plasma	LCMS-MS	1

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No	COMPOUND	MATRIX	METHOD	LLOQ (ng/mL)
21	Domperidone	Plasma	LCMS-MS	0,1
22	Dydroartemisinin	Plasma	LCMS-MS	0,5
23	Efavirenz	Plasma	LCMS-MS	1
24	Escitalopram	Plasma	LCMS-MS	0,2
25	Esomeprazole	Plasma	LCMS-MS	5
26	Ethambutol	Plasma	LCMS-MS	20
27	Etorixocib	Plasma	LCMS-MS	5
28	Ezetimibe	Plasma	LCMS-MS	0,05
29	Febuxostat	Plasma	LCMS-MS	10
30	Fenofibrate	Plasma	LCMS-MS	50

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No	COMPOUND	MATRIX	METHOD	LLOQ (ng/mL)
31	Furosemide	Plasma	HPLC	5
32	Gabapentin	Plasma	LCMS-MS	50
33	Gliclazide	Plasma	LCMS-MS	50
34	Glimepiride	Plasma	LCMS-MS	1
35	Glimepiride - Metformin	Plasma	LCMS-MS	1 - 10
36	Hydroxychloroquine	Plasma	LCMS-MS	1
37	Irbesartan	Plasma	LCMS-MS	0,25
38	Isoniazid	Plasma	LCMS-MS	100
39	Itraconazole	Plasma	LCMS-MS	2
40	Ivermectim	Plasma	LCMS-MS	0,5

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No	COMPOUND	MATRIX	METHOD	LLOQ (ng/mL)
41	Ketoconazole	Plasma	LCMS-MS	10
42	Ketoprofen	Plasma	LCMS-MS	50
43	Lamivudine	Plasma	LCMS-MS	40
44	Lansoprazole	Plasma	LCMS-MS	10
45	Levocetirizine	Plasma	LCMS-MS	0,5
46	Levodopa	Plasma	LCMS-MS	20
47	Levofloxacin	Plasma	HPLC	50
48	Linagliptin	Plasma	LCMS-MS	0,1
49	Lisinopril	Plasma	LCMS-MS	0,5
50	Lopinavir	Plasma	LCMS-MS	5

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No	COMPOUND	MATRIX	METHOD	LLOQ (ng/mL)
51	Lopinavir - Ritonavir	Plasma	LCMS-MS	5 - 1
52	Losartan - CA	Plasma	LCMS-MS	1 - 1
53	Meloxicam	Plasma	LCMS-MS	10
54	Metformin	Plasma	LCMS-MS	10
55	Methyldopa	Plasma	LCMS-MS	20
56	Montelukast	Plasma	LCMS-MS	1
57	Moxifloxacin	Plasma	LCMS-MS	20
58	Norethindrone	Plasma	LCMS-MS	0,05
59	Ofloxacin	Plasma	LCMS-MS	50
60	Olanzapine	Plasma	LCMS-MS	0,1

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No	COMPOUND	MATRIX	METHOD	LLOQ (ng/mL)
61	Omeprazole	Plasma	LCMS-MS	5
62	Ondansetron	Plasma	LCMS-MS	0,1
63	Pantoprazole	Plasma	LCMS-MS	5
64	Paracetamol	Plasma	LCMS-MS	10
65	Pentoxifylline	Plasma	LCMS-MS	3
66	Piperaquine	Plasma	LCMS-MS	1
67	Piroxicam	Plasma	LCMS-MS	10
68	Pregabalin	Plasma	LCMS-MS	50
69	Pyrazinamide	Plasma	LCMS-MS	50
70	Ramipril	Plasma	LCMS-MS	0,1

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No	COMPOUND	MATRIX	METHOD	LLOQ (ng/mL)
71	Repaglinide	Plasma	LCMS-MS	0,1
72	Rifampicin	Plasma	LCMS-MS	5
73	Risperidone	Plasma	LCMS-MS	0,25
74	Ritonavir	Plasma	LCMS-MS	1
75	Rivaroxaban	Plasma	LCMS-MS	1
76	Rosuvastatin	Plasma	LCMS-MS	0,1
77	Salbutamol	Plasma	LCMS-MS	0,1
78	Salicylic Acid	Plasma	LCMS-MS	50
79	Sildenafil	Plasma	LCMS-MS	1
80	Simvastatin	Plasma	LCMS-MS	0,1

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No	COMPOUND	MATRIX	METHOD	LLOQ (ng/mL)
81	Sitagliptin	Plasma	LCMS-MS	3
82	Sitagliptin-Metformin	Plasma	LCMS-MS	3 - 10
83	Spirolactone	Plasma	LCMS-MS	0,5
84	Sulfasalazine	Plasma	LCMS-MS	10
85	Tamsulosin	Plasma	LCMS-MS	0,1
86	Telmisartan	Plasma	LCMS-MS	0,5
87	Tenofovir	Plasma	LCMS-MS	5
88	Ticagrelor	Plasma	LCMS-MS	1
89	Trimetazidine	Plasma	LCMS-MS	0,5
90	Valproic Acid	Plasma	LCMS-MS	300

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No	COMPOUND	MATRIX	METHOD	LLOQ (ng/mL)
91	Valsartan	Plasma	LCMS-MS	5
92	Verapamil	Plasma	LCMS-MS	0,5

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THANK
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INDONESIA