

**BION CLINICALS PVT. LTD.**

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**LIST OF  
BIOANALYTICAL METHODS**

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Plot No. 25/6/A, Rajiv Gandhi Infotech Park,  
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Pune - 411057 India.

## BION CLINICALS PVT. LTD.

### BIO-ANALYTICAL

Bion Clinicals, India is a one stop solution for all regulatory bioanalytical requirements supporting the development of pharmaceuticals. Our bioanalytical facility equipped with **LCMS-4500 AB-SCIEX series** to handle complex molecule

### LIST OF METHODS

Sr. No	Drug Name	Instrument (LC-MS/MS)	Matrix	Assay Range	Anticoagulant	Dose
1	Dapagliflozin	LC-MS/MS-4500	Human Plasma	1.006 to 253.372 ng/mL	K <sub>2</sub> EDTA	10 mg
2	Rosuvastatin	LC-MS/MS-4500	Human Plasma	0.501 to 153.271 ng /mL	K <sub>2</sub> EDTA	20 mg
3	Metoprolol	LC-MS/MS-4500	Human Plasma	0.200 to 100.523 ng/mL	K <sub>2</sub> EDTA	50 mg
4	Bisoprolol	LC-MS/MS-4500	Human Plasma	0.503 to 100.808 ng/mL	K <sub>2</sub> EDTA	5 mg
5	Amlodipine	LC-MS/MS-4500	Human Plasma	0.050 to 10.005 ng/mL	K <sub>2</sub> EDTA	5 mg
6	Telmisartan	LC-MS/MS-4500	Human Plasma	2.008 to 1000.988 ng/mL	K <sub>2</sub> EDTA	40 mg
8	Pregabalin	LC-MS/MS-4500	Human Plasma	15.018 to 10011.988 ng/mL	K <sub>2</sub> EDTA	75 mg
9	Duloxetine	LC-MS/MS-4500	Human Plasma	0.401 to 150.906 ng/mL	K <sub>2</sub> EDTA	30 mg
10	Vildagliptin	LC-MS/MS-4500	Human Plasma	2.000 to 1500.000 ng/mL	K <sub>2</sub> EDTA	100 mg
11	Valsartan	LC-MS/MS-4500	Human Plasma	14.980 to 15021.981 ng/mL	K <sub>2</sub> EDTA	160 mg
12	Fexofenadine	LC-MS/MS-4500	Human Plasma	4.002 to 2003.448 ng/mL	K <sub>2</sub> EDTA	180 mg

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13	Montelukast	LC-MS/MS-4500	Human Plasma	2.003 to 600.938 ng/mL	K <sub>2</sub> EDTA	10 mg
14	Imeglimin	LC-MS/MS-4500	Human Plasma	10.028 to 4019.115 ng/mL	K <sub>2</sub> EDTA	10 mg
15	Relugolix	LC-MS/MS-4500	Human Plasma	0.500 to 500.000 ng/mL	K <sub>2</sub> EDTA	40 mg
16	Sacubitril	LC-MS/MS-4500	Human Plasma	15.000 to 6000.000 ng/mL	K <sub>2</sub> EDTA	97 mg
17	Metformin	LC-MS/MS-4500	Human Plasma	5.000 to 3500.000 ng/mL	K <sub>2</sub> EDTA	1000 mg
18	Tedizolid	LC-MS/MS-4500	Human Plasma	5.000 to 5000.000 ng/mL	K <sub>2</sub> EDTA	200 mg
19	Tedizolid	LC-MS/MS-4500	Human Plasma	2.000 to 300.000 µg/mL	K <sub>2</sub> EDTA	200 mg
20	Dextromethorphan	NA	NA	NA	NA	NA
21	Ezetimibe	LC-MS/MS-4500	Human Plasma	0.500 to 200.000 ng/mL	K <sub>2</sub> EDTA	10 mg
22	Chlorpheniramine Maleate	NA	NA	NA	NA	NA
23	Letrozole	NA	NA	NA	NA	NA
24	Ezetimibe	NA	NA	NA	NA	NA
25	Teneligliptin	LC-MS/MS-4500	Human Plasma	2.000 to 800.000 ng/mL	K <sub>2</sub> EDTA	20 mg
26	Clonazepam	LC-MS/MS-4500	Human Plasma	0.020 to 30.000 ng/mL	K <sub>2</sub> EDTA	2 mg/5mL

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27	Sitagliptin	LC-MS/MS-4500	Human Plasma	2.000 to 1200.000 ng/mL	K <sub>2</sub> EDTA	100 mg
28	Empagliflozin	LC-MS/MS-4500	Human Plasma	3.000 to 1200.000 ng/mL	K <sub>2</sub> EDTA	25 mg
29	Methotrexate	LC-MS/MS-4500	Human Plasma	2.000 to 600.000 ng/mL	K <sub>2</sub> EDTA	2 mg
30	Gabapentin	LC-MS/MS-4500	Human Plasma	25.000 to 9000.000 ng/mL	K <sub>2</sub> EDTA	600 mg
31	Nortriptyline	LC-MS/MS-4500	Human Plasma	0.250 to 50.000 ng/mL	K <sub>2</sub> EDTA	10 mg
32	Linagliptin	LC-MS/MS-4500	Human Plasma	0.100 to 15.000 ng/mL	K <sub>2</sub> EDTA	5 mg
33	Cyclizine	LC-MS/MS-4500	Human Plasma	0.500 to 125.000 ng/mL	K <sub>2</sub> EDTA	50 mg
34	Dydrogesterone	LC-MS/MS-4500	Human Plasma	0.150 to 10.000 ng/mL	K <sub>2</sub> EDTA	30 mg
35	Gliclazide	LC-MS/MS-4500	Human Plasma	25.000 to 10000.000 ng/ml	K <sub>2</sub> EDTA	60 mg
36	Azithromycin	LC-MS/MS-4500	Human Plasma	5.000 to 1000.000 ng/ml	K <sub>2</sub> EDTA	500 mg
37	Atorvastatin	LC-MS/MS-4500	Human Plasma	0.200 to 150.000 ng/ml	K <sub>2</sub> EDTA	25 mg
38	2-Hydroxy Atorvastatin	LC-MS/MS-4500	Human Plasma	0.200 to 150.000 ng/ml	K <sub>2</sub> EDTA	-
39	4-Hydroxy Atorvastatin	LC-MS/MS-4500	Human Plasma	0.050 to 20.000 ng/ml	K <sub>2</sub> EDTA	-
40	Eplerenone	LC-MS/MS-4500	Human Plasma	10.000 to 2000.000 ng/ml	K <sub>2</sub> EDTA	25 mg

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41	Tadalafil	LC-MS/MS-4500	Human Plasma	2.000 to 800.000 ng/ml	K <sub>2</sub> EDTA	20 mg
42	Tofacitinib	LC-MS/MS-4500	Human Plasma	0.500 to 250.000 ng/ml	K <sub>2</sub> EDTA	22 mg
43	Torseמיד	LC-MS/MS-4500	Human Plasma	10.000 to 6000.000 ng/ml	K <sub>2</sub> EDTA	20 mg
44	Semaglutide	LC-MS/MS-4500	Human Plasma	1.000 to 200.000 ng/ml	K <sub>2</sub> EDTA	0.5 mg/ml
45	Enzalutamide	LC-MS/MS-4500	Human Plasma	15.000 to 15000.000 ng/ml	K <sub>2</sub> EDTA	80 mg
46	Tamsulosin	LC-MS/MS-4500	Human Plasma	0.100 to 50.000 ng/ml	K <sub>2</sub> EDTA	0.4 mg
47	Solifenacin	LC-MS/MS-4500	Human Plasma	0.100 to 50.000 ng/ml	K <sub>2</sub> EDTA	6 mg
48	folic Acid	LC-MS/MS-4500	Human Plasma	0.196 to 40.147 ng/mL	K <sub>2</sub> EDTA	5 mg
49	5-Methyl Tetrahydro folic Acid	LC-MS/MS-4500	Human Plasma	0.500 to 250.000 ng/ml	K <sub>2</sub> EDTA	5 mg
50	Flavoxate	LC-MS/MS-4500	Human Plasma	2.000 to 3000 ng/ml	K <sub>2</sub> EDTA	600 mg
51	3-METHYL-FLAVONE 8-CARBOXYLIC ACID	LC-MS/MS-4500	Human Plasma	250.000 to 25000.000 ng/ml	K <sub>2</sub> EDTA	-
52	Celcoxib	LC-MS/MS-4500	Human Plasma	10.000 to 4000.00 ng / mL	K <sub>2</sub> EDTA/ Heparin	200 mg / 400 mg
53	Vanoprazan	LC-MS/MS-4500	Human Plasma	0.100 to 100 ng/mL	K <sub>2</sub> EDTA	10 mg
54	Cenobamate	LC-MS/MS-4500	Human Plasma	5.000 to 500 ng/mL	K <sub>2</sub> EDTA	12.5 mg
55	Resmetirom	LC-MS/MS-4500	Human Plasma	3.000 to 1500 ng/mL	K <sub>2</sub> EDTA	100 mg

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56	Gefapixant Citrate	LC-MS/MS-4500	Human Plasma	0.100 to 200 ng/mL	K2EDTA	20 mg
57	Brexipiprazole	LC-MS/MS-4500	Human Plasma	0.5 to 120 ng/mL	K2EDTA	2mg
58	Eltrombopag	LC-MS/MS-4500	Human Plasma	30.000 ng/mL to 30000.000 ng/mL	K2EDTA	2mg
59	Acebrophyline erdoseine	LC-MS/MS-4500	Human Plasma	5.027 to 1000.449 ng/mL and 100.977 to 10047.480 ng/mL	K2EDTA	100mg and 300mg
60	Aprepitant	LC-MS/MS-4500	Human Plasma	10.011 to 5002.621 ng/mL	K2EDTA	125 mg
61	Erdosteine Metabolite	LC-MS/MS-4500	Human Plasma	49.912 to 4995.306 ng/mL	K2EDTA	-
62	Ambroxol	LC-MS/MS-4500	Human Plasma	0.407 to 200.572 ng/mL	K2EDTA	-
63	Brexipriprazole	LC-MS/MS-4500	Human Plasma	0.501 to 100.282 ng/mL	K2EDTA	2mg
64	Brexipriprazole Sulfoxide Metabolite	LC-MS/MS-4500	Human Plasma	0.500 to 50.278 ng/mL	K2EDTA	-
65	Gefapixant	LC-MS/MS-4500	Human Plasma	10.556 to 7002.511 ng/mL	K2EDTA	45 mg
66	Bisacodyl	LC-MS/MS-4500	Human Plasma	0.201 to 160.053 ng/mL	K2EDTA	5 mg
67	Insulin Aspart	NA	NA	NA	NA	NA
68	Disulfram	NA	NA	NA	NA	NA
69	Estradiol	LC-MS/MS-4500	Human Plasma	5.142 to 523.059 pg/mL	K2EDTA	1 mg
70	Relugolix	LC-MS/MS-4000	Human Plasma	0.501 to 401.407 ng/mL	K2EDTA	40 mg
71	Norethindrone	LC-MS/MS-4500	Human Plasma	0.500 to 20.058 ng/mL	K2EDTA	0.5 mg
72	Risperidone	LC-MS/MS-4000	Human Plasma	0.104 to 30.089 ng/mL	K2EDTA	0.5 mg

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73	Tegoprazan	LC-MS/MS-4500	Human Plasma	10.324 to 3000.454 ng/mL	K2EDTA	0.5 mg
74	Rabeprazoel	LC-MS/MS-4000	Human Plasma	2.081 to 1209.515 ng/mL	K2EDTA	20 mg
75	Paracetamol	LC-MS/MS-4500	Human Plasma	50.061 to 10003.933 ng/mL	K2EDTA	325mg
76	polmacoxib	LC-MS/MS-4500	Human Plasma	0.104 to 20.354 ng/mL	K2EDTA	2mg
77	Risperidone	LC-MS/MS-4500	Human Plasma	12.086 to 24.171 ng/mL	K2EDTA	2mg
78	Tegoprazan	LC-MS/MS-4000	Human Plasma	10.324 to 3000.454 ng/mL	K2EDTA	-