



Quest Life Sciences - List of Validated methods

S.NO	MOLECULES	Matrix	INSTRUMENT USED	CALIBRATION RANGE
1	LETROZOLE	PLASMA	LC-MS/MS	1.0230 - 99.7000 ng/mL
2	GUAIFENESIN	PLASMA	LC-MS/MS	23.966 - 6001.154 ng/mL
3	PROGESTERONE	PLASMA	LC-MS/MS	0.4754 - 52.8243 ng/mL
4	GLICLIZIDE	PLASMA	LC-MS/MS	10.0594 - 10273.0402 ng/mL
5	COENZYME Q10	PLASMA	LC-MS/MS	486.7790 - 4829.1570 ng/mL
6	OMEPRAZOLE	PLASMA	LC-MS/MS	5.2245 - 2040.8320 ng/mL
7	LUMIFANTRINE	PLASMA	LC-MS/MS	27.6046 - 4868.5350 ng/mL
8	GLIBENCLAMIDE	PLASMA	LC-MS/MS	5.0202 - 2091.5580 ng/mL
9	ARTHEMETHER + DIHYDROARTEMESININ	PLASMA	LC-MS/MS	2.1517 - 99.800 ng/mL
10	ARTHEMETHER + DIHYDROARTEMESININ	PLASMA	LC-MS/MS	10.7315 - 497.7500 ng/mL
11	NIFEDIPINE	PLASMA	LC-MS/MS	5.074 - 100.188 ng/mL
12	LANSOPRAZOLE	PLASMA	LC-MS/MS	50.172 - 2031.582 ng/mL
13	ANASTRAZOLE	PLASMA	LC-MS/MS	0.572 - 23.379 ng/mL
14	VENLAFAXINE & O-DESEMETHYL VENLAFAXINE	PLASMA	LC-MS/MS	3.037-302.276 ng/mL
15	VENLAFAXINE & O-DESEMETHYL VENLAFAXINE	PLASMA	LC-MS/MS	1.053 -149.720 ng/mL
16	AMLODIPINE	PLASMA	LC-MS/MS	1.0346 - 25.0499 ng/mL
17	VALACYCLOVIR	PLASMA	LC-MS/MS	4.622 - 404.242 ng/mL
18	RALOXIFENE	PLASMA	LC-MS/MS	0.031- 1.050 ng/mL
19	TEGASEROD	PLASMA	LC-MS/MS	0.248 - 8.377 ng/mL
20	CLOPIDOGREL	PLASMA	LC-MS/MS	0.202 - 3195.320 ng/mL
21	GLIMEPIRIDE	PLASMA	LC-MS/MS	5.250- 10308.515 ng/mL
23	FLUCONAZOLE	PLASMA	LC-MS/MS	178.817 - 5421.038 ng/mL
24	NITROFURANTOIN	PLASMA	LC-MS/MS	10.2483 - 43090.6905 ng/mL
25	OFLOXACIN	PLASMA	LC-MS/MS	0.152 - 60.672 ng/mL
26	LENALIDOMIDE	PLASMA	LC-MS/MS	9.939 - 1211.662 ng/mL
27	PIOGLITAZONE	PLASMA	LC-MS/MS	18.058 - 1099.991ng/mL
28	NIACIN + NICOTINURIC ACID	PLASMA	LC-MS/MS	243.889-10162.790ng/mL
29	NIACIN + NICOTINURIC ACID	PLASMA	LC-MS/MS	103.762- 4323.760 ng/mL
30	METFORMIN	PLASMA	LC-MS/MS	46.805 - 2016.262ng/mL
31	MONTELUKAST	PLASMA	LC-MS/MS	10.766 - 6007.730 ng/mL
32	LAPATINIB	PLASMA	LC-MS/MS	15.004 - 2000.540 ng/mL
33	COLCHICINE	PLASMA	LC-MS/MS	0.201 - 15.028 ng/mL
34	ZOLPIDEM	PLASMA	LC-MS/MS	1.908 - 302.835 ng/mL
35	METRONIDAZOLE	PLASMA	LC-MS/MS	333.140 - 25382.064 ng/mL
36	OLANZAPINE	PLASMA	LC-MS/MS	0.272 - 49.782 ng/mL
37	THALIDOMIDE	PLASMA	LC-MS/MS	105.206 - 3024.881ng/mL

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38	TRAMADOL	PLASMA	LC-MS/MS	2.023 - 603.981ng/mL
39	CARVEDILOL + 4-HYDROXY CARVEDILOL	PLASMA	LC-MS/MS	0.395 - 90.144ng/mL
40	CARVEDILOL + 4-HYDROXY CARVEDILOL	PLASMA	LC-MS/MS	0.117 - 26.702 ng/mL
41	LORATADINE + DESLORATADINE	PLASMA	LC-MS/MS	0.237 - 20.076 ng/mL
42	LORATADINE + DESLORATADINE	PLASMA	LC-MS/MS	0.238 - 20.106 ng/mL
43	DESLORATADINE	PLASMA	LC-MS/MS	0.093 - 19.946 ng/mL
44	LEVOCETRIZINE	PLASMA	LC-MS/MS	4.887 - 834.120 ng/mL
45	ATORVASTATIN + O-HYDROXY ATORVASTATIN + P-HYDROXY ATORVASTATIN	PLASMA	LC-MS/MS	0.477 - 54.465 ng/mL
46	ATORVASTATIN + O-HYDROXY ATORVASTATIN + P-HYDROXY ATORVASTATIN	PLASMA	LC-MS/MS	0.512 - 58.481 ng/mL
47	ATORVASTATIN + O-HYDROXY ATORVASTATIN + P-HYDROXY ATORVASTATIN	PLASMA	LC-MS/MS	0.096 - 10.957 ng/mL
48	FUROSEMIDE	PLASMA	LC-MS/MS	54.105 - 3976.001 ng/mL
49	SIROLIMUS	WHOLE BLOOD	LC-MS/MS	0.790 - 99.739 ng/mL
50	EVEROLIMUS	WHOLE BLOOD	LC-MS/MS	0.651 - 53.449 ng/mL
51	DULOXETINE	PLASMA	LC-MS/MS	6.560 to 304.770 ng/mL
52	TOLTERODINE + 5-HYDROXYMETHYL TOLTERODINE	PLASMA	LC-MS/MS	0.159 to 20.396 ng/mL
53	TOLTERODINE + 5-HYDROXYMETHYL TOLTERODINE	PLASMA	LC-MS/MS	0.116 to 14.909 ng/mL
54	BISOPROLOL	PLASMA	LC-MS/MS	1.172 to 302.793 ng/mL
55	ONDANSETRON	PLASMA	LC-MS/MS	1.195 to 223.430 ng/mL
56	ACECLOFENAC & PARACETAMOL	PLASMA	LC-MS/MS	0.313 to 14.899 µg/mL
57	ACECLOFENAC & PARACETAMOL	PLASMA	LC-MS/MS	0.313 to 14.866 µg/mL
58	GLICLAZIDE	PLASMA	LC-MS/MS	49.638 to 7935.247 ng/mL
59	ERYTHROMYCIN	PLASMA	LC-MS/MS	18.719 to 1489.898 ng/mL
60	FELODIPINE	PLASMA	LC-MS/MS	0.291 to 19.954 ng/mL
61	GLIMEPIRIDE	PLASMA	LC-MS/MS	5.089 to 792.326 ng/mL
62	RAMIPRIL	PLASMA	LC-MS/MS	0.237 to 98.275 ng/mL
63	INDAPAMIDE	BLOOD	LC-MS/MS	0.495 to 105.451 ng/mL
64	FREE DOXORUBICIN, LIPOSOMAL DOXORUBICIN AND DOXORUBICINOL	PLASMA	LC-MS/MS	1.167 to 101.055 ng/mL
65	FREE DOXORUBICIN, LIPOSOMAL DOXORUBICIN AND DOXORUBICINOL	PLASMA	LC-MS/MS	1.366 to 90.340 µg/mL
66	FREE DOXORUBICIN LIPOSOMAL DOXORUBICIN AND DOXORUBICINOL	PLASMA	LC-MS/MS	5.635 to 1634.207 ng/mL+F92
67	ARTEMETHER AND DIHYDROARTEMESININ	PLASMA	LC-MS/MS	CC Range 7.278 to 601.628 ng/mL
68	ARTEMETHER AND DIHYDROARTEMESININ	PLASMA	LC-MS/MS	CC Range 3.972 to 328.325 ng/mL
69	DRONEDARONE & DESBUTYL DRONEDARONE	PLASMA	-MS/MS (Vantage & Therr	CC Range 0.248 to 151.968 ng/mL
70	DRONEDARONE & DESBUTYL DRONEDARONE	PLASMA	-MS/MS (Vantage & Therr	CC Range 0.496 to 303.619 ng/mL
71	VORICANZOLE	PLASMA	LC-MS/MS	105.098 ng/mL to 5960.186 ng/mL
72	CARBAMAZEPINE	PLASMA	LC-MS/MS (Vantage)	99.835ng/mL to 6112.031ng/mL

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73	MEMANTINE	PLASMA	LC-MS/MS	0.485ng/mL to 50.973ng/mL
74	LEVONORGESTREL	PLASMA (Female)	LC-MS/MS (Vantage)	0.252ng/mL to 29.478ng/mL
75	ERGOALCIFEROL	PLASMA	LC-MS/MS	1.809ng/mL to 150.847ng/mL
76	OLMESARTAN	PLASMA	LC-MS/MS	22.047ng/mL to 1682.865ng/mL
77	PALIPERIDONE	PLASMA	LC-MS/MS (Vantage)	0.309 ng/mL to 48.100 ng/mL
78	CLARITHROMYCIN	PLASMA	LC-MS/MS (Vantage)	20.036ng/ml to 5010.619ng/mL
79	TOTAL DOXORUBICIN	PLASMA	LC-MS/MS	1.374 µg/mL to 90.342 µg/mL
80	NEVARIPINE, LAMIVUDINE & ZODOVUDINE	PLASMA (K2DTA)	LC-MS/MS (Vantage)	25.089 ng/mL to 2001.576 ng/mL
81	NEVARIPINE, LAMIVUDINE & ZODOVUDINE	PLASMA (K2DTA)	LC-MS/MS (Vantage)	25.081 ng/mL to 2000.925 ng/mL
82	NEVARIPINE, LAMIVUDINE & ZODOVUDINE	PLASMA (K2DTA)	LC-MS/MS (Vantage)	50.158 ng/mL to 4001.573 ng/mL
83	DULOXETINE	PLASMA	LC-MS/MS	1.000 ng/ml to 200.384ng/mL
84	DULOXETINE	PLASMA	LC-MS/MS	0.500 ng/mL to 200.713 ng/mL
85	MONTELUKAST	PLASMA	LC-MS/MS (Vantage)	5.264ng/ml to 521.225ng/mL
86	MONTELUKAST	PLASMA	LC-MS/MS (Vantage)	5.209ng/ml to 515.588ng/mL
87	AMODIAQUINE & DESETHYLAMODIAQUINE	PLASMA	LC-MS/MS Vantage	0.523 to 253.855 ng/mL
88	AMODIAQUINE & DESETHYLAMODIAQUINE	PLASMA	LC-MS/MS Vantage	0.106 to 51.580 ng/mL
89	ARTESUNATE AND DIHYDROARTESUNATE	PLASMA	LC-MS/MS Vantage	0.511 to 401.611 ng/mL
90	ARTESUNATE AND DIHYDROARTESUNATE	PLASMA	LC-MS/MS Vantage	2.020 to 794.549 ng/mL
91	OLMESARTAN	PLASMA	LC-MS/MS Vantage	5.322ng/ml to 1600.829ng/mL
92	MOXIFLOXACIN HCL	PLASMA	LC-MS/MS Vantage	50.064 to 8009.115 ng/mL
93	METFORMIN	PLASMA	LC-MS/MS	30.957 to 2017.486ng/mL
94	LEVOFLOXACIN	PLASMA	HPLC	0.1419 -15.2010 µg/mL
95	GATIFLOXACIN	PLASMA	HPLC	0.1990 - 4.1307 µg/mL
96	VALSARTAN	PLASMA	HPLC	0.303 -5.410 µg/mL
97	ALENDRONATE	URINE	HPLC	5.1735 - 1031.0163 ng/mL
98	GLICLAZIDE	PLASMA	HPLC	0.101 - 12.130 µg/mL
99	CETIRIZINE	PLASMA	HPLC	50.358 - 1013.931 ng/mL
100	OMEPRAZOLE	PLASMA	HPLC	70.596 - 1421.408 ng/mL
101	PANTOPRAZOLE & DOMEPERIDONE	PLASMA	HPLC	95.860 - 3793.440 ng/mL
102	NEVIRAPINE	PLASMA	LC-MS/MS	0.041 - 2.850 µg/ml