

List Of Validated Bioanalytical Methods

Compound (Metabolite)	Therapeutic class	Instrument	Calibration Range	Biological Matrix
Aceclofenac	Anti inflammatory	LC/MS/MS	200-20000 ng/mL	Plasma
Acetazolamide	Diuretic	LC/MS/MS	0.8-60 ng/mL	Plasma
Acitretin;13 Cis Acitretin	Antipsoriatic	LC/MS/MS	5-1000 & 4-300 ng/mL;5-1000 & 4-100 ng/mL	Plasma
Acyclovir	Antiviral	LC/MS/MS	50-10000 ng/mL	Plasma
Amlodipine	Antihypertensive	LC/MS/MS	150-12600 pg/mL	Plasma
Anastrozole	Antineoplastic	LC/MS/MS	0.2-30 ng/mL	Plasma
Aspirin (Salicylic acid)	Analgesic	LC/MS/MS	10-2000 ng/mL	Plasma
Atazanavir	Antiretroviral	LC/MS/MS	40-7000 ng/mL	Plasma
Atorvastatin	Antihyperlipoproteinemic	LC/MS/MS	0.5-50 ng/mL	Plasma
Chlorpheniramine; Pseudoephedrine (Ibuprofen)	Antihistaminic;Decongestant	LC/MS/MS	0.3 -40 ng/mL; 3 -400 ng/mL	Plasma
Clopidogrel	Antithrombotic	LC/MS/MS	0.1 - 8.0 ng/mL	Plasma
Cycloserine	Antibacterial(Tuberculostatic)	LC/MS/MS	250 - 20000 ng/mL	Plasma
Esomeprazole	Antiulcerative	LC/MS/MS	5 - 3500 ng/mL	Plasma
Ethambutol	Antibacterial(Tuberculostatic)	LC/MS/MS	30 - 2000 ng/mL	Plasma
Glimepiride	Antidiabetic	LC/MS/MS	1 - 200 ng/mL	Plasma
Glipizide	Antidiabetic	LC/MS/MS	2 - 2000 ng/mL	Plasma
Hydrochlorothiazide	Antihypertensive	LC/MS/MS	3 - 300 ng/mL	Plasma
Ibuprofen	Anti inflammatory	LC/MS/MS	500 - 80000 ng/mL	Plasma
Ibuprofen (Pseudoeph., CPM, Methocarb)	Anti inflammatory	LC/MS/MS	495 - 60000 ng/mL	Plasma
Indomethacin	Anti inflammatory	LC/MS/MS	75 - 6000 ng/mL	Plasma
Irbesartan	Antihypertensive	LC/MS/MS	60 - 6000 ng/mL	Plasma
Lamivudine; Stavudine; Nevirapine	Antiretroviral	LC/MS/MS	30-3000 ng/mL;20-2000 ng/mL;50-200 ng/mL	Plasma
Lamivudine (Tenofovir)	Antiretroviral	LC/MS/MS	50 - 5000 ng/mL	Plasma
Lamivudine; Zidovudine	Antiretroviral	LC/MS/MS	20-3200 ng/mL;40-5000 ng/mL	Plasma
Lamotrigine	Anticonvulsant	LC/MS/MS	10 - 1200 ng/mL	Plasma
Lansoprazole	Antiulcerative	LC/MS/MS	20 - 2000 ng/mL	Plasma
Leflunomide-A771726	Antirheumatic	LC/MS/MS	40 - 3000 ng/mL	Plasma
Letrozole	Antineoplastic	LC/MS/MS	1 - 80 ng/mL	Plasma
Levetiracetam	Anticonvulsant	LC/MS/MS	0.5 - 50 µg/mL	Plasma
Losartan;Losartan Acid	Antihypertensive	LC/MS/MS	10-2000 ng/mL; 10-2000 ng/mL	Plasma
Lumefantrine(Artemether)	Antimalarial	LC/MS/MS	100 - 20000 ng/mL	Plasma
Artemether(Lumefantrine)	Antimalarial	LC/MS/MS	2 - 250 ng/mL	Plasma
Methocarbamol(Ibu.,Pseudoeph.,CPM)	Muscle relaxant	LC/MS/MS	200 - 20000 ng/mL	Plasma

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Methotrexate	Antineoplastic, Antirheumatic	LC/MS/MS	3 - 400 ng/mL	Plasma
Midazolam	Anticonvulsant, Anesthetic	LC/MS/MS	1 - 140 ng/mL	Plasma
Montelukast	Antiasthmatic	LC/MS/MS	3 - 300 ng/mL	Plasma
Nevirapine	Antiretroviral	LC/MS/MS	20 - 4000 ng/mL	Plasma
Nifedipine	Antihypertensive	LC/MS/MS	1 - 100 & 1 - 300 ng/mL	Plasma
Oxybutynin; Desethyl Oxybutynin	Urinary incontinence	LC/MS/MS	0.1 - 12 ng/mL; 0.2 - 42 ng/mL	Plasma
Pramipexole	Antiparkinsonian	LC/MS/MS	50 - 2000 pg/mL	Plasma
Prothionamide	Antibacterial(Tuberculostatic)	LC/MS/MS	30 - 3000 ng/mL	Plasma
Quetiapine	Antipsychotic	LC/MS/MS	4 -1000 ng/ml	Plasma
Raloxifene	Antiosteoporotic	LC/MS/MS	30 - 900 pg/mL	Plasma
Ramipril; Ramiprilat	Antihypertensive	LC/MS/MS	0.2 - 50 ng/mL; 0.2 - 50 ng/mL	Plasma
Ranitidine	Antiulcerative	LC/MS/MS	10 - 2000 ng/mL	Plasma
Salicylic Acid(Aspirin)	Anti inflammatory, Keratolytic	LC/MS/MS	250-150000 ng/mL	Plasma
Sertraline	Antidepressant	LC/MS/MS	0.25 - 50 ng/mL	Plasma
Spironolactone; Canrenone	Diuretic	LC/MS/MS	5 - 400 ng/mL; 5 - 400 ng/mL	Plasma
Tenofovir	Antiretroviral	LC/MS/MS	5 -1000 ng/mL	Plasma
Tenofovir(Lamivudine)	Antiretroviral	LC/MS/MS	5 -1000 ng/mL	Plasma
Theophylline	Bronchodilator	LC/MS/MS	0.4 -40 ng/mL	Plasma
Trimetazidine	Antianginal	LC/MS/MS	2 -150 ng/mL	Plasma
Verapamil; Norverapamil	Antihypertensive	LC/MS/MS	4 - 400 ng/mL; 4 - 400 ng/mL	Plasma
Zolmitriptan; N- desmethyl Zolmitriptan	Antimigraine	LC/MS/MS	160 -16000 pg/mL;160 -16000 pg/mL	Plasma
7-alpha thiomethyl spironolactone	Diuretic	LC/MS/MS	10 - 800 ng/mL	Plasma



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