

PHARMACOLOGY

TABLE OF ASSAY SPECIFICATIONS

Method and technology

METHOD	UPLC MSMS
SEPARATION INSTRUMENT	Waters Acquity UPLC®
MASS SPECTROMETER	Waters Quattro Premier™ XE
MATRIX	Human plasma

PHARMACOLOGY LABORATORY

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Certification:
GCLP (01206)
CAP (7198524 - pending)
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Class	Drug	Validated range (ng/ml)	Extraction method	Accuracy	Precision	Stability FreezeThaw	Stability 4°C	Stability RT	Stability 40°C
PROTEASE INHIBITOR	Amprenavir	51-10041	Protein precipitation	≤20% at 2SD	≤20% at 2SD	3 cycles	7 days	7 days	7 days
	Atazanavir	48-10157	Protein precipitation	≤20% at 2SD	≤20% at 2SD	3 cycles	7 days	7 days	7 days
	Darunavir	79-14897	Protein precipitation	≤20% at 2SD	≤20% at 2SD	3 cycles	7 days	7 days	7 days
	Indinavir	59-10040	Protein precipitation	≤20% at 2SD	≤20% at 2SD	3 cycles	On application	On application	On application
	Lopinavir	73-15113	Protein precipitation	≤20% at 2SD	≤20% at 2SD	3 cycles	7 days	7 days	7 days
	Nelfinavir	69-8912	Protein precipitation	≤20% at 3SD	≤20% at 3SD	3 cycles	On application	On application	On application
	Ritonavir	25-4795	Protein precipitation	≤20% at 2SD	≤20% at 2SD	3 cycles	7 days	7 days	7 days
	Saquinavir	48-9211	Protein precipitation	≤20% at 2SD	≤20% at 2SD	3 cycles	7 days	7 days	7 days
	Tipranavir	639-103041	Protein precipitation	≤20% at 2SD	≤20% at 2SD	3 cycles	7 days	7 days	7 days
NON-NUCLEOSIDE REVERSE TRANSCRIPTASE INHIBITOR	Efavirenz	198-15371	Protein precipitation	≤20% at 2SD	≤20% at 2SD	3 cycles	3 days	3 days	3 days
	Etravirine	5-2492	Protein precipitation	≤20% at 2SD	≤20% at 2SD	3 cycles	7 days	7 days	7 days
	Nevirapine	49-10367	Liquid liquid extraction	≤20% at 2SD	≤20% at 2SD	3 cycles	7 days	7 days	7 days
INTEGRASE INHIBITOR	Raltegravir	21-10148	Protein precipitation	≤20% at 3SD	≤20% at 3SD	3 cycles	7 days	7 days	7 days
CCR5 ANTAGONIST	Maraviroc	10-1996 5-1972	Protein precipitation	≤20% at 2SD	≤20% at 2SD	3 cycles	7 days	7 days	7 days
NUCLEOSIDE ANALOGUE	Ribavirin	10 - 10000	Protein precipitation	≤20% at 2SD	≤20% at 2SD	3 cycles	3 days	3 days	3 days

* Download latest version from Delphic web-site