



**Table S2. Stability (% difference) of analytes when compared with freshly prepared control samples. Assessments conducted at n=3 for each QC level and condition, means reported. F/T : Freeze-Thaw, ST: Short Term, PPS: Post Preparative Stability. Stock stability conducted at n=3 for each stock concentration (primary and LLOQ), mean deviation from control reported.**

Condition	Analyte QC Level	ATV		DRV		EFV		LPV		RTV	
		Low	High	Low	High	Low	High	Low	High	Low	High
F/T		0.3	3.2	3.2	5.0	-4.8	1.6	-1.3	-3.2	-3.0	2.4
ST		4.0	-5.5	-5.5	-4.1	-7.2	0.5	0.6	-1.7	-4.7	0.2
PPS		0.2	2.4	6.6	-0.2	-5.0	0.8	5.3	1.1	-2.9	-1.2
		Stocks									
Primary			3.8		-1.3		1.3		-4.6		-8.2
LLOQ			0.0		-3.5		4.0		6.3		0.0

**Table S3. Matrix effect and recovery for each analyte ran in 5 different lots of lysed PBMC matrix at low, medium and high QC levels. Matrix effect %: (Post extraction spiked sample / Neat sample) x 100, Recovery %: (Extracted Sample / Post-Extraction Spiked Sample) x 100, Process Efficiency %: (Extracted Sample / Neat Sample) x 100.**

Analyte Level	ATV			DRV			EFV			LPV			RTV		ATV-IS	EFV-IS	RTV-IS	
	Low	Med	High	Low	Med	High	Low	Med	High	Low	Med	High	Low	Med	High			
Matrix effect %	107	105	108	104	109	110	113	112	106	108	110	106	109	114	101	113	109	
Recovery %	72.5	72.0	71.5	80.7	69.7	72.1	74.4	68.3	70.1	75.8	70.9	70.9	77.0	68.6	68.8	73.1	71.0	71.1
Process efficiency %	77.3	77.5	77.4	83.8	76.1	79.1	83.5	77.4	78.4	79.7	76.9	77.6	81.3	74.7	78.1	78.1	80.2	77.2