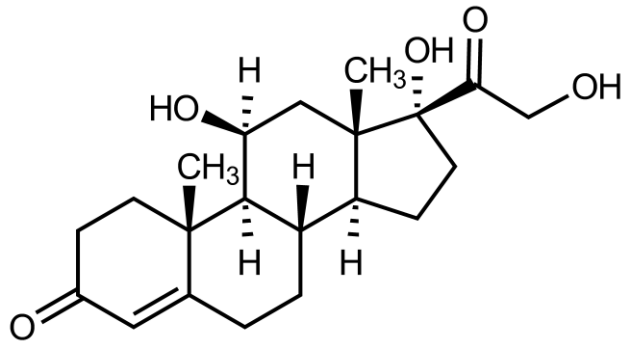


# ASSAY PERFORMANCE

## Cortisol



Method	LC-MS/MS
Matrix	Human Plasma
Anti-coagulant	K <sub>2</sub> EDTA
Storage Temperature	-20 °C and -70 °C
LLOQ	40.4 ng/mL
ULOQ	540 ng/mL
Sample Volume	100 µL
Precision & Accuracy	
LLOQ QC	7.4% CV; 7.5% Bias
Low QC	7.2% CV; -1.5% Bias
Mid QC	5.4% CV; -3.0% Bias
High QC	2.5% CV; -5.8% Bias
Above Range QC (5x Dilution)	3.2% CV; -6.0 % Bias
Stability	
Short-Term (Bench-Top)	6.25 hrs
Long-Term	105 days at -20 °C and -70 °C
Freeze/Thaw Cycles	4 Cycles at -20 °C/Ambient and at -70 °C/Ambient
Whole Blood	1 hr at ice bath and room temperatures
Comments	
Method Number(s)	VSPAU1401P1