



DATASHEET

XPert® CT/NG



	CT	NG
Test Reagent Kit	Xpert CT/NG	Xpert CT/NG
Technology	Real time PCR	Real time PCR
Targets (unique to Cepheid)	gDNA (one)	gDNA (two independent)
Batch or On Demand	On Demand	On Demand
Minimum Batch Size	1	1
Sample Extraction	Automated/Integrated	Automated/Integrated
Precision Pipetting	Not required	Not required
TAT	90 min	90 min
Hands-On Time	1 min	1 min
Limit of Detection (LoD)	Serovar (eb/ml)	Strain (cfu/ml)
	D H	#19424 #49226
Patient Collected Vaginal swab (F)	84 161	1.5 1.6
Urine (M)	75 134	2.7 1.2
Controls: Process (SPC)	✓	✓
Controls: Sample Adequacy (SAC)	✓	✓
Controls: Probe Function/Detection (PCC)	✓	✓

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Female Swabs		
Patient Collected Vaginal Swabs: Sensitivity	99.5%	100%
Specificity	99.1%	99.9%
Endocervical Swabs: Sensitivity	96.0%	100%
Specificity	99.6%	>99.9%
Stability: in Cepheid Sample Transport Reagent	2-30°C/60 days	2-30°C/60 days
First Catch Urine		
Female Urine: Sensitivity	98.1%	94.4%
Specificity	99.8%	>99.9%
Stability: Neat	4°C/6 days	4°C/6 days
Stability: in Cepheid Sample Transport Reagent	2-15°C/45 days or 2-30°C/3 days	2-15°C/45 days or 2-30°C/3 days
Male Urine: Sensitivity	98.5%	98.3%
Specificity	99.8%	99.9%
Stability: Neat	4°C/6 days	4°C/6 days
Stability: in Cepheid Sample Transport Reagent	2-15°C/45 days or 2-30°C/30 days	2-15°C/45 days or 2-30°C/30 days
Kit Storage	2-28°C	2-28°C
Commercial Controls	Contact Cepheid Technical Support	Contact Cepheid Technical Support

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