





# Sample-to-Result Automation Meets Versatile Testing from a Single Sample

Collection Kit	Sample Type	Aptima <sup>®</sup> Combo 2 <sup>®</sup> Assay (CT/NG)	Aptima <sup>®</sup> Mycoplasma genitalium Assay	Aptima <sup>®</sup> Trichomonas vaginalis Assay	Aptima <sup>®</sup> HSV 1 & 2 Assay	Aptima <sup>®</sup> BV Assay	Aptima <sup>®</sup> CV/TV Assay	Aptima <sup>®</sup> HPV Assay	Aptima <sup>®</sup> HPV 16 18/45 Genotype Assay
Aptima <sup>®</sup> Specimen Transfer Kit	ThinPrep <sup>®</sup> (PreservCyt <sup>®</sup> )	✓		✓				✓	✓
Aptima <sup>®</sup> Multitest Swab Collection Kit	Clinician Collected Vaginal Swab	✓	✓	✓		✓	✓		
	Patient Collected Vaginal Swab	✓	✓			✓	✓		
	Patient Collected Penile Meatal Swab		✓						
	Clinician Collected Throat Swab	✓							
	Clinician Collected Rectal Swab	✓							
	Clinician Collected Anogenital Lesion Swab					✓			
Aptima <sup>®</sup> Unisex Swab Collection Kit	Clinician Collected Endocervical	✓	✓	✓					
	Clinician Collected Male Urethral Swab	✓	✓						
Aptima <sup>®</sup> Urine Specimen Collection Kit	Female Urine	✓	✓						
	Male Urine	✓	✓						

✓ = US-FDA Clearance or Approval

# Aptima® Performance Data on the Panther® System

Specimen Type		Sexually transmitted infections										Vaginitis										
		Aptima Combo 2® Assay (CT/NG)				Aptima® Mycoplasma genitalium Assay		Aptima® Trichomonas vaginalis Assay		Aptima® HSV 1 & 2 Assay				Aptima® BV Assay		Aptima® CV/TV Assay						
		Chlamydia <sup>1</sup>		Gonorrhea <sup>1</sup>		M. genitalium <sup>2</sup>		Trichomoniasis <sup>3</sup>		Herpes simplex virus <sup>4</sup>				Bacterial vaginosis <sup>5</sup>		Candida species <sup>6</sup>		Candida glabrata <sup>6</sup>		Trichomoniasis <sup>6</sup>		
		Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity		Specificity		Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity	Specificity	Sensitivity	Specificity	
	ThinPrep® Pap Test Vial	98.2%	100.0%	100.0%	100.0%	*	*	100.0%	98.6%	*		*		*	*	*	*	*	*	*	*	
	Multitest Swab Clinician Collected Vaginal Sample	97.2%	98.5%	97.7%	99.6%	92.0%	98.0%	100.0%	98.2%	*		*		95.0%	89.6%	91.7%	94.9%	84.7%	99.1%	96.5%	95.1%	
	Multitest Swab Patient Collected Vaginal Sample	97.2%	98.5%	97.7%	99.6%	98.9%	98.5%	*	*	*		*		97.3%	85.8%	92.9%	91.0%	86.2%	98.7%	97.1%	98.9%	
	Multitest Swab Penile Meatal Sample	*	*	*	*	88.4%	97.8%	*	*	*		*		*	*	*	*	*	*	*	*	*
	Multitest Swab Clinician Collected Throat Swab Sample	88.2%	99.7%	96.1%	98.9%	*	*	*	*	*		*		*	*	*	*	*	*	*	*	*
	Multitest Swab Clinician Collected Rectal Swab Sample	91.6%	98.9%	97.5%	99.5%	*	*	*	*	*		*		*	*	*	*	*	*	*	*	*
	Multitest Swab Clinician Collected Anogenital Skin Lesion Sample	*	*	*	*	*	*	*	*	HSV-1	HSV-2	HSV-1	HSV-2	*	*	*	*	*	*	*	*	*
									94.7%	98.4%	99.6%	92.8%										
	Female Endocervical Swab Clinician Collected Endocervical	97.2%	99.3%	100.0%	99.8%	81.5%	98.3%	100.0%	98.1%	*		*		*	*	*	*	*	*	*	*	
	Male Urethral Swab Clinician Collected Male Urethral	100.0%	99.1%	100.0%	100.0%	98.2%	99.6%	*	*	*		*		*	*	*	*	*	*	*	*	
	Urine (Female)	PPA 98.9%	NPA 99.8%	PPA 96.6%	NPA 100%	77.8%	99.0%	*	*	*		*		*	*	*	*	*	*	*	*	
	Urine (Male)	95.2%	99.8%	98.7%	99.7%	90.9%	99.4%	*	*	*		*		*	*	*	*	*	*	*	*	

PPA= Positive Percentage Agreement, NPA= Negative Percentage Agreement  
\*These sample types are not FDA-cleared for the specific assays listed.

References: 1. Aptima Combo 2 Assay [package insert]. 502446-IFU-PI, San Diego, CA: Hologic, Inc.; 2019. 2. Aptima Mycoplasma Genitalium Assay [package insert]. AW-17946, San Diego, CA: Hologic, Inc.; 2019. 3. Aptima Trichomonas vaginalis Assay [package insert]. 503684-IFU-PI, San Diego, CA: Hologic, Inc.; 2019. 4. Aptima HSV 1 & 2 Assay [package insert]. AW-15636, San Diego, CA: Hologic, Inc., 2019. 5. Aptima BV Assay [package insert]. AW-18811, San Diego, CA: Hologic, Inc., 2019. 6. Aptima CV/TV Assay [package insert]. AW-18812, San Diego, CA: Hologic, Inc., 2019.