



# Test Menu

Genetic Assays, Inc. PH: (615) 781-0709  
 4711 Trousdale Drive, Suite 209 TF: (800) 390-5280  
 Nashville, TN 37220 FX: (615) 781-0766  
[WWW.GENETICASSAYS.COM](http://WWW.GENETICASSAYS.COM)

Code	Assay*	Targets	Methodology	Results	Reference Range	TAT	Specimens*
3701	<b>Adenovirus</b>	DNA	qPCR	Qual/Quant	100 to 1.0 x 10 <sup>10</sup> copies/mL	same day	Blood, Respiratory, Plasma, Marrow, CSF, Serum, Swab, Stool, Urine
824	<b>Bacterial Vaginosis Panel</b>	7 causative pathogens	rPCR	Qual/ Semi-quant	Not Detected <i>Gardnerella Vaginalis</i> - Normal	24-48 hrs	G Swab®, ThinPrep
3700	<b>BK Virus</b>	DNA	qPCR	Qual/Quant	500 to 1.0 x 10 <sup>10</sup> copies/mL	same day	Blood & Urine (serial testing) Plasma, Serum, CSF, Marrow
3333	<b>CT (<i>Chlamydia trachomatis</i>)</b>	Plasmid DNA	Abbott RealTime PCR	Qual	Not Detected	24-48 hrs	G Swab®/Urine, ThinPrep, SurePath, Swab, Urine
0180	<b>NG (<i>Neisseria gonorrhoeae</i>)</b>	Genomic DNA					
6262	<b>Cystic Fibrosis Mutation Detection</b>	39 most common mutations & 4 associated polymorphisms	xTAG™ CF 39 kit v2	Qual/Geno	Interpretive Report	1x/week	Blood, ThinPrep, SurePath, Buccal Swabs
3702	<b>Cytomegalovirus (CMV)</b>	DNA	qPCR	Qual/Quant	200 to 1.0 x 10 <sup>10</sup> copies/mL	same day	Urine, CSF, Swab (saliva), Blood, Plasma, Fluid, Respiratory, Stool
4025	<b>Enterovirus</b>	RNA	RT-PCR	Qual	Not Detected	same day	CSF, Plasma, Blood, Urine, Serum, Amniotic Fluid, Swab, Stool
6111	<b>Epstein-Barr Virus (EBV)</b>	DNA	qPCR	Qual/Quant	200 to 5,000,000 copies/mL	same day	Blood, CSF, Plasma, Serum, Marrow
7667	<b>Gastrointestinal Pathogen Panel (GPP) (22 Targets)</b>	Bacteria, Diarrheagenic <i>E. coli/Shigella</i> , Parasites, Viruses	FilmArray® multiplex RT-PCR	Qual	Not Detected	1-6 hrs	G Swab®, Raw Stool
219TQ	<b>HCV Viral Load Monitoring</b>	RNA	RT-qPCR	Qual/Quant	12 to 1.0 x 10 <sup>7</sup> RNA IU/mL	24-72 hrs	Serum, Plasma
8698	<b>HCV Genotyping</b>	HCV types 1a, 1b, 1, 2, 3, 4, & 5	RT-rPCR	Genotype	Genotype classifications will be reported	1x/week	
875TQ	<b>HIV-1 Viral Load Monitoring</b>	RNA	RT-qPCR	Qual/Quant	40 to 1.0 x 10 <sup>7</sup> RNA IU/mL	1-4 days	Plasma, CSF
395H	<b>HPV High Risk w/ ID of 16, 18, &amp; 45</b>	DNA of 13 HR types + 16, 18, & 45	Hybrid Capture®2 + rPCR	Qual	Not Detected	MWF	ThinPrep, SurePath, Biopsy
478	<b>HPV w/ ID of 16, 18, &amp; 45</b>	HPV DNA (all types) + 16, 18, & 45	PCR + rPCR			1x/week	
7575	<b>HPV Genotyping</b>	HPV DNA (all types)	PCR & DNA Sequencing	Qual/Geno	Genotype classifications	1x/week	
900	<b>HSV-1&amp;2 (2 Targets)</b>	HSV type 1 DNA HSV type 2 DNA	rPCR	Qual	Not Detected	same day	CSF, G Swab®, ThinPrep, SurePath, Swab, Blood, Tissue
273	<b>Meningitis Encephalitis Panel (MEP) (14 Targets)</b>	6 Bacteria, 7 Viruses, 1 Yeast	FilmArray® multiplex RT-PCR	Qual	Not Detected	1-6 hrs	CSF
250	<b>Mycobacteria w/ AFB Smear &amp; Culture</b>	Mycobacteria DNA (all species) <i>M. tuberculosis</i> complex	rPCR	Qual	Not Detected	MWF	Bronchial Washings, Sputum, Positive AFB Media (Concentrate), CSF, Bodily Fluid, Tissue (Fresh or Paraffin Embedded)
250FFPE	<b>Formalin-Fixed Paraffin-Embedded Tissue</b>					1x/week	
1000	<b>Mycobacteria DNA Sequencing</b>	All other atypical species	DNA Sequencing	Qual	Species identification	1x/week	
2001	<b>Respiratory Virus &amp; Bacteria Panel (RVBP) 20 Targets</b>	17 Viruses 3 Bacteria	FilmArray® multiplex RT-PCR	Qual	Not Detected	1-6 hrs	Upper Respiratory Swab, Bronchial Wash or Lavage
301	<b>STD3 Panel (3 Targets)</b>	CT/NG and <i>Trichomonas vaginalis</i>	rPCR	Qual	Not Detected	24-48 hrs	ThinPrep, SurePath, G Swab®/Urine
501	<b>STD5 Panel (5 Targets)</b>	CT/NG, HSV-1&2, <i>Trichomonas vaginalis</i>	rPCR	Qual	Not Detected	24-48 hrs	ThinPrep, SurePath, G Swab®
8425	<b>Tick-Borne Ehrlichiosis Panel (4 Targets)</b>	1 <i>Anaplasma</i> and 3 <i>Ehrlichia</i> species	rPCR	Qual	Not Detected	same day	Whole Blood, CSF
8667	<b>Tonsillitis Panel (5 Targets)</b>	Adeno, CMV, EBV, HSV-1&2	rPCR	Qual	Not Detected	48 hrs	Throat Swab (G Swab®)
101	<b><i>Trichomonas vaginalis</i></b>	<i>Trichomonas vaginalis</i> DNA	rPCR	Qual	Not Detected	24-48 hrs	ThinPrep, SurePath, G Swab®/Urine

\* Please contact GA or visit website for detailed test information sheets.

PCR = Polymerase Chain Reaction  
 q = quantitative real-time  
 r = real-time  
 RT = Reverse Transcriptase

\* Please contact GA for questions about other acceptable specimens.