



Test Menu

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Code	Assay*	Targets	Methodology	Results	Reference Range	TAT	Specimens*
3701	Adenovirus	DNA	qPCR	Qual/Quant	100 to 1.0 x 10 ¹⁰ copies/mL	same day	Blood, Respiratory, Plasma, Marrow, CSF, Serum, Swab, Stool, Urine
824	Bacterial Vaginosis Panel (7 targets)	<i>Candida sp, C. albicans, G. vag, M. gen, M. hom, Trich, U. urea</i>	rPCR	Qual/ Semi-quant	Not Detected <i>Gardnerella Vaginalis</i> - Normal	24-48 hrs	G Swab®, ThinPrep
3700	BK Virus	DNA	qPCR	Qual/Quant	500 to 1.0 x 10 ¹⁰ copies/mL	same day	Blood & Urine (serial testing) Plasma, Serum, CSF, Marrow
3333	CT (<i>Chlamydia trachomatis</i>)	DNA	rPCR	Qual	Not Detected	24-48 hrs	G Swab®/Urine, ThinPrep, SurePath, Swab, Urine
0180	NG (<i>Neisseria gonorrhoeae</i>)						
2682	COVID-19	SARS-CoV-2 RNA	RT-rPCR (FDA EUA to CDC)	Qual	Not Detected	same day	Upper Respiratory Swab
6262	Cystic Fibrosis Mutation Detection	39 most common mutations & 4 associated polymorphisms	xTAG™ CF 39 kit v2	Qual/Geno	Interpretive Report	1x/week	Blood, ThinPrep, SurePath, Buccal Swabs
3702	Cytomegalovirus (CMV)	DNA	qPCR	Qual/Quant	200 to 1.0 x 10 ¹⁰ copies/mL	same day	Urine, CSF, Swab (saliva), Blood, Plasma, Fluid, Respiratory, Stool
6111	Epstein-Barr Virus (EBV)	DNA	qPCR	Qual/Quant	200 to 5,000,000 copies/mL	same day	Blood, CSF, Plasma, Serum, Marrow
7667	Gastrointestinal Pathogen Panel (GPP) (22 Targets)	Bacteria, Diarrheagenic <i>E. coli/Shigella</i> , Parasites, Viruses	FilmArray® multiplex RT-PCR	Qual	Not Detected	1-6 hrs	G Swab®, Raw Stool
219TQ	HCV Viral Load Monitoring	RNA	Hologic Aptima® TMA	Quant	10 to 1.0 x 10 ⁷ RNA IU/mL	24-72 hrs	Serum, Plasma
8698	HCV Genotyping	HCV types 1, 1a, 1b, 2a/c, 2b, 3, 4, 5, & 6	Multiplex PCR	Genotype	Genotype classifications will be reported	Fridays	Serum only
875TQ	HIV-1 Viral Load Monitoring	RNA	Hologic Aptima® TMA	Quant	30 to 1.0 x 10 ⁷ RNA IU/mL	1-4 days	Plasma, CSF
478	HPV w/ ID of 16, 18, & 45	HPV DNA (all types) + 16, 18, & 45	PCR + rPCR	Qual	Not Detected	1x/week	ThinPrep, SurePath, Biopsy
7575	HPV Genotyping	HPV DNA (all types)	PCR & DNA Sequencing	Qual/Geno	Genotype classifications	1x/week	
900	HSV-1&2 (2 Targets)	HSV type 1 DNA HSV type 2 DNA	rPCR	Qual	Not Detected	same day	CSF, G Swab®, ThinPrep, SurePath, Swab, Blood, Tissue
273	Meningitis Encephalitis Panel (MEP) (14 Targets)	6 Bacteria, 7 Viruses, 1 Yeast	FilmArray® multiplex RT-PCR	Qual	Not Detected	1-6 hrs	CSF
250	Mycobacteria	Mycobacteria DNA (all species) <i>M. tuberculosis</i> complex	rPCR	Qual	Not Detected	MWF same day	Bronchial Washings, Sputum, Positive AFB Media (Concentrate), CSF, Bodily Fluid, Tissue (Fresh or Paraffin Embedded)
275	w/ AFB Smear & Culture						
250FFPE	Formalin-Fixed Paraffin-Embedded Tissue						
1000	Mycobacteria DNA Sequencing	All other atypical species	DNA Sequencing	Qual	Species identification	1x/week	
787	PharyngoTonsillitis Panel (PTP) (7 Targets)	Strep A&C, Adeno, CMV, EBV, HSV-1&2	rPCR	Qual/Quant	Not Detected	same day	Throat Swab (G Swab®)
7638	Pneumonia Panel (26 Pathogens)	Bacteria, Viruses, Antimicrobial Resistance	FilmArray® multiplex RT-PCR	Qual/Quant	Not Detected	1-6 hrs	Sputum, BAL
2019	Respiratory Virus & Bacteria Panel (RVBP) (22 Targets)	18 Viruses 4 Bacteria	FilmArray® multiplex RT-PCR	Qual	Not Detected	same day	Upper Respiratory Swab, Bronchial Wash or Lavage
301	STD3 Panel (3 Targets)	CT/NG and <i>Trichomonas vaginalis</i>	rPCR	Qual	Not Detected	24-48 hrs	ThinPrep, SurePath, G Swab®/Urine
501	STD5 Panel (5 Targets)	CT/NG, HSV-1&2, <i>Trichomonas vaginalis</i>	rPCR	Qual	Not Detected	24-48 hrs	ThinPrep, SurePath, G Swab®
8425	Tick-Borne Ehrlichiosis Panel (4 Targets)	1 <i>Anaplasma</i> and 3 <i>Ehrlichia</i> species	rPCR	Qual	Not Detected	same day	Whole Blood, CSF
101	<i>Trichomonas vaginalis</i>	<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.