







# Women's Health Collection Guidelines

Sodium Citrate	Serum Separator Gel		Potassium EDTA	Sodium Fluoride		
						
	OR					
<b>Invert 3 to 4 times</b> <i>tube must be filled completely</i>	<b>Invert 5 times</b> <i>blood should clot upright for 30 minutes but no longer than 2 hours prior to separation</i>		<b>Invert 8 to 10 times</b>	<b>Invert 8 to 10 times</b> <i>do not confuse with urine culture tube</i>		
<p><b>Profiles &amp; AMA Panels</b></p> <p>1485* Lupus Anticoag Rflx Confirm (6B)</p> <p>9190* Miscarriage Profile (4B, 2ST &amp; 1L)</p> <p><b>Hematology/COAG</b></p> <p>2092* Fibrinogen</p> <p>1425 PT (Prothrombin Time)</p> <p>1430 PTT</p> <p><i>* Requires critical frozen citrate plasma</i></p>	<p><b>Profiles &amp; AMA Panels</b></p> <p>9325 Acute Hepatitis Panel</p> <p>142 Basic Metabolic Panel</p> <p>9179 Comp Metabolic Panel</p> <p>115 Electrolyte Panel</p> <p>2118 Iron and IBC</p> <p>173 Lipid Panel</p> <p>9190 Miscarriage Profile (4B, 2ST &amp; 1L)</p> <p>514 Obstetric Panel (2ST &amp; 1L)</p> <p><b>Autoimmune</b></p> <p>3550 ANA Rflx Titer</p> <p>4296 ANA Rflx Nuclear Ab Profile</p> <p>4278 ANA Rflx Autoimmune Ab Profile</p> <p>4809 Cardiolipin IgG/IgA/IgM</p> <p>3545 CRP (C-Reactive Protein)</p> <p>3505 Rheumatoid Factor</p>	<p><b>Endocrine</b></p> <p>4225 DHEA Sulfate</p> <p>2675 Estradiol</p> <p>4229 Estrogens, Fractionated</p> <p>2700 FSH (Follicle Stim Hormone)</p> <p>4304 17-OH Progesterone</p> <p>2760 Insulin</p> <p>2776 LH (Luteinizing Hormone)</p> <p>2790 Progesterone</p> <p>2800 Prolactin</p> <p>4273 T3, Free</p> <p>2823 T4, Free</p> <p>4834 Testosterone, F/T/SHBG</p> <p>2835 TSH</p> <p>2834 TSH Rflx Free T4</p> <p><b>Infectious Disease</b></p> <p>4543 Cytomegalovirus IgG/IgM</p> <p>2739 Hepatitis Bs Ag</p> <p>2737 Hepatitis Bs Ab</p> <p>4675 Hepatitis C Ab</p>	<p><b>Infectious Disease Continued</b></p> <p>4677 Hepatitis C Ab Rflx PCR Quant</p> <p>3540 HIV 1/2 Ab/Ag Combo</p> <p>4592 HSV 1&amp;2 IgG</p> <p>4074 Parvovirus B19 IgM</p> <p>3500 RPR Rflx Titer</p> <p>4600 Rubella IgG</p> <p>3455 Treponema Ab Rflx RPR</p> <p>4665 Varicella zoster IgG</p> <p><b>Pregnancy</b></p> <p>2714 HCG, Qualitative</p> <p>2713 HCG, Quantitative</p> <p>2616 1st Trim. Screen</p> <p>5780 1st Trim. Sequential Screen<sup>SM</sup></p> <p>4059 2nd Trim. Sequential Screen<sup>SM</sup></p> <p>5375 2nd Trim. Quad Screen</p> <p>2617 2nd Trim. AFP-NTD Screen</p>	<p><b>Individual Tests</b></p> <p>4976 CA 19-9</p> <p>4827 CA 15-3</p> <p>4824 CA 125</p> <p>5083 CRP, High Sensitivity</p> <p>2079 Creatinine Clearance (submit 24-Hr Urine Jug in conjunction with Serum Separator Tube)</p> <p>2090 Ferritin</p> <p>2695 Folate</p> <p>4230 Fructosamine</p> <p>2760 Insulin</p> <p>2233 Uric Acid</p> <p>2840 Vitamin B12</p> <p>4958 Vitamin D, 25 Hydroxy</p>	<p><b>Profiles &amp; AMA Panels</b></p> <p>514 Obstetric Panel (1L &amp; 2ST)</p> <p><b>Hematology/COAG</b></p> <p>1000 CBC w/auto diff w/ plts</p> <p>1041 CBC w/out diff w/ plts</p> <p>1055 Sedimentation Rate (ESR)</p> <p><b>Individual Tests</b></p> <p>3800 ABO/Rh</p> <p>3810 Antibody Screen</p> <p>3127 BRCA1 and BRCA2, Comprehensive</p> <p>4118 Cystic Fibrosis, 39</p> <p>3124 Cystic Fibrosis, 139</p> <p>4845 Factor V Leiden</p> <p>5225 Fragile X with Reflex to Methylation</p>	<p><b>Pregnancy</b></p> <p>329 GTT, Gest 1 Hr 50 gm, Scrn</p> <p>2140 GTT, Gest 2 Hr 75 gm, Diag</p> <p>2111 GTT, Gest 3 Hr 100 gm, Diag</p> <p><b>Individual Tests</b></p> <p>2217 Glucose Fasting</p> <p>2705 Glucose 6 Phos Dehydro</p> <p>2708 Hemoglobin A1c</p> <p>2720 Hemoglobin Electrophoresis</p> <p>3521 Sickle Scrn Rflx Elect</p> <p>5457 SMA (Spinal Muscular Atrophy)</p>

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Collection Containers	Order Code & Test Name	Specimen Requirements
 ThinPrep®	8146 Pap Test, Image Guided	Obtain an adequate sampling from the cervix using spatula, brush, or broom. Insert the central bristles of the broom into the endocervical canal deep enough to allow the shorter bristles to fully contact the ectocervix. <b>For collection with broom: push gently and rotate in a clockwise direction five (5) times. For collection with brush: slowly rotate 1/4 - 1/2 turn in one direction.</b> Rinse the broom into the vial by pushing the broom into the bottom of the vial ten (10) times, forcing the bristles apart. As a final step, swirl the broom vigorously to further dislodge material. Discard the collection device. <b>Do not leave collection device in the vial.</b> Remove immediately. Tighten the cap so that the torque line on the cap passes the torque line on the vial. Record the patient's name and ID number on the vial. The sample will be returned if it is received without proper labeling. Record the patient name and medical history on the cytology requisition. Submit the sample to the laboratory at room temperature. Medicaid THSTEPS samples must sent to DSHS laboratory.
	8141 Pap, Age-Based with DNA HPV*	
	8142 Pap, Age-Based with mRNA HPV*	
	8038 HPV, Non-reflex	
	9988 HPV, Rflx, if ASC-US	
	9992 HPV, Rflx, if ASC-US/LSIL	
	9911 HPV, Rflx, if Epith Abn	
	3640 Bacterial Vaginosis	
	3645 Candida	
	4123 CT/NG	
	5403 CT (Chlamydia)	
	5402 NG (Gonorrhoeae)	
	3915 HSV 1/2	
	3912 Trichomonas	
 SurePath™	8972 Pap Test, Image Guided	Obtain material with spatula, endocervical brush, or cervical broom. Insert the brush or broom into the endocervical canal. Apply gentle pressure on the cervix until the lateral bristles of the brush bend against the ectocervix. Maintaining gentle pressure, hold the stem between the thumb and forefinger and <b>rotate the broom five (5) turns clockwise OR slowly rotate the brush 1/4 - 1/2 turn in one direction. The entire head of the brush/broom is removed from the handle and placed into a SurePath collection vial.</b> Tightly cap the vial. Record the patient's name and ID number on the vial. The vial must be labeled with patient name or it will be returned. Room temperature. Medicaid THSTEPS samples must sent to DSHS laboratory.
	8143 Pap, Age-Based with DNA HPV*	
	8037 HPV, Non-reflex	
	9990 HPV, Rflx, if ASC-US	
	9991 HPV, Rflx, if ASC-US/LSIL	
	9912 HPV, Rflx, if Epith Abn	
	5404 CT/NG	
	5401 CT (Chlamydia)	
	5400 NG (Gonorrhoeae)	
	3915 HSV 1/2	
	3912 Trichomonas	

## \* Age-Based Pap and Related Testing ACOG Guidance

**21-24 years:** Pap Test, Imaged, reflex HPV if ASC-US, Chlamydia/Gonorrhea

**25-29 years:** Pap Test, Imaged, reflex HPV if ASC-US

**30-65 years:** Pap Test, Imaged and HPV


**For Pap Testing beyond ACOG guidance ranges, analysis is given below:**

**<21 years:** Pap Test, Imaged, Chlamydia/Gonorrhea

**>65 years:** Pap Test, Imaged







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 <p><b>Roche COBAS® Dual-Swab Kit</b></p>	3920 Bacterial Vaginosis	<p><b>Vaginal Swab Specimens:</b> <b>1)</b> Hold the woven swab with the score line above your hand and insert the swab about 5 cm (2 in) into the vaginal opening. <b>2)</b> Gently turn the swab for about 30 seconds while rubbing swab against the walls of the vagina. <b>3)</b> Withdraw the swab carefully. Do not let the swab touch any surface before placing it into the collection tube. <b>4)</b> Remove cap from collection tube. <b>5)</b> Lower the swab into the Roche COBAS® tube until the score line is at the tube rim. <b>6)</b> Leverage the swab shaft against the tube rim to break the shaft at the score line. <b>7)</b> Tightly recap the collection tube.</p> <p><b>Endocervical Swab Specimens:</b> <b>1)</b> Using the woven swab remove excess mucus from the cervical os and surrounding mucosa. Discard swab after cleaning. <b>2)</b> To collect the specimen, hold flocked swab with the score line above your hand and insert into the endocervical canal. <b>3)</b> Gently rotate the swab 5 times in one direction in the endocervical canal. Do not over-rotate. <b>4)</b> Carefully withdraw the swab, avoiding any contact with the vaginal mucosa. <b>5)</b> Remove cap from collection tube. <b>6)</b> Lower the swab into collection tube until the score line is at the tube rim. <b>7)</b> Leverage the swab shaft at the score line. <b>8)</b> Tightly recap the collection tube. Submit the sample to the laboratory at room temperature or refrigerated.</p> <p>Bacterial culturette swab inoculated with infected material. Room temperature.</p>	
	3914 Candida		
	3911 Trichomonas (Endocervical)		
	3910 Trichomonas (Vaginal)		
	3915 HSV 1/2		
	5249 CT/NG (Vaginal, Endocervical, and Male Urethral)		Female endocervical or vaginal swab or male urethral swab in COBAS® transport tube. Room temperature.
	3755 CT/NG (Rectal and Pharyngeal)		This test requires the collection of 2 specimens. Collect 1 rectal and 1 pharyngeal specimen obtained with Roche COBAS® Dual-Swab Collection Kit.
3770 CT/NG (Rectal or Pharyngeal)	This test requires the collection of 1 specimen. Collect 1 rectal or 1 pharyngeal specimen obtained with Roche COBAS® Dual-Swab Collection Kit.		
 <p><b>Roche COBAS® Urine</b></p>	4335 CT/NG	First 20-30 mL voided urine. The patient must not have urinated for the last 1 hour. Transfer 2 mL urine to the Roche COBAS® Urine collection tube within 24 hours of collection. Room temperature. Male or female samples accepted.	
	3913 Female Trichomonas	Patient must not have urinated for at least 1 hour prior to specimen collection. Direct patient to provide a first-catch urine (approximately 20 to 30 mL of the initial urine stream) into a urine collection cup free of preservatives. Collection of larger volumes of urine may result in dilution that may reduce test sensitivity. Female patients should not cleanse the labial area prior to providing the specimen. Remove the cap and transfer 2 mL of urine into the Roche COBAS® Urine tube using the disposable pipette provided within 24 hours of collection. The correct volume of urine has been added when the fluid level is between the black fill lines on the urine specimen transport tube label. Re-cap the urine specimen transport tube tightly. Submit specimen to the laboratory at room temperature or refrigerated.	
	4445 Male Trichomonas		
 <p><b>BD Affirm™ VPIII</b></p>	2030 Vaginal Pathogens DNA	Vaginal fluid collected in BD Affirm VPIII ambient temperature transport system. Room temperature. Note: separate swabs should be submitted if other tests are also ordered (e.g., Culture).	
 <p><b>ESwab™</b></p>	6007 Culture, Routine	Bacterial culturette swab inoculated with infected material. Room temperature.	
	6052 Culture, Genital	Inoculated swab in transport media. Room temperature.	
	6079 Culture, Grp B Strep	Inoculated swab from vaginal/rectal source in transport media. Room temperature.	
	6085 Culture, Grp B, Pen. Aller.		

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Polymedco OC-Auto®	Sterile Collection Container	Urine Culture Tube	24-Hr Urine	Urine Tube	Rapid fFN®	Cell-Free DNA Collection Tube
						
<p><b>Individual Tests</b></p> <p>7008 Occult Blood, Diagnostic</p> <p>7009 Occult Blood, Screen</p>	<p><b>Individual Tests</b></p> <p>3254 Drug Screen, Rflx Confirm, Urine</p> <p>4895 Microalbumin/Creat, Random Urine</p> <p><b>Microbiology</b></p> <p>6075 Culture, Fungus, Skin/Hair/Nails</p>	<p><b>Individual Tests</b></p> <p>6051 Urinalysis Rflx Culture (submit Urine Tube in conjunction with Urine Culture Tube)</p> <p><b>Microbiology</b></p> <p>6049 Culture, Urine</p> <p>6134 Culture, Urine, Pen. Aller.</p>	<p><b>Pregnancy</b></p> <p>2149 Protein, Urine, 24 Hr</p> <p><b>Individual Tests</b></p> <p>2079 Creatinine Clearance (submit Serum Separator Tube in conjunction with 24-Hr Urine Jug)</p>	<p><b>Individual Tests</b></p> <p>1501 Urinalysis Rflx Microscopic</p> <p>6051 Urinalysis Rflx Culture (submit Urine Culture in conjunction with Urine Tube)</p>	<p><b>Pregnancy</b></p> <p>5570 Fetal Fibronectin</p> <p><b>With Fetal Sex</b></p> <p>3322 NIPS</p> <p>3323 NIPS w/ Monosomy X</p> <p>3325 NIPS w/ Sex Chromosome Aneuploidies</p> <p>3340 NIPS w/ Sex Chromosome Aneuploidies &amp; Microdeletions+</p> <p>3341 NIPS w/ Rare Autosomal Aneuploidies+</p> <p>3342 NIPS w/ Rare Autosomal Aneuploidies &amp; Microdeletions+</p>	<p><b>Non-Invasive Prenatal Screening (NIPS)</b></p> <p><b>Without Fetal Sex</b></p> <p>3326 NIPS</p> <p>3327 NIPS w/ Monosomy X</p> <p>3329 NIPS w/ Sex Chromosome Aneuploidies</p> <p>3343 NIPS w/ Microdeletions+</p> <p>+ Screening for other aneuploidies such as trisomy 16, trisomy 22, microdeletion testing, and genome-wide screening for large copy number changes is not recommended by ACOG as testing is not clinically validated and detection rates and false-positive rates are not well established.<sup>1</sup></p> <p><small>1. ACOG Practice Bulletin 226: Screening for Fetal Chromosomal Abnormalities. Obstet Gynecol 2021 Oct;136(4):e48-e69</small></p>

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