

SPECIMEN SUBMISSION CHART

Naples Pathology Associates

For specimen collection instructions, see Client Services Manual

SECTIONS:	2-1 HISTOLOGY 2-2 CYTOLOGY 2-4 ADVANCED STUDIES	
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NPA routine pickup: 263-1777

Immediate pickup (e.g. frozen section, lymphoma): 436-3910

TEST	SPECIMEN TYPE	TRANSPORT MEDIUM / ORDER METHOD	SPECIMEN STORAGE/ PICKUP STATUS	ADDITIONAL COMMENTS
HISTOLOGY				
ROUTINE HISTOLOGY (Permanent Section) <i>TAT: 1 business day</i> <i>Breast or fatty tissue: 2 days</i> <i>Bone: possibly > 2 days</i>	Biopsy	Formalin	Room Temp / Routine pick up <i>(Next day pick up OK)</i>	
	Excision	Formalin	Room Temp / Routine pick up <i>(Next day pick up OK)</i>	<i>Provide previous NPA biopsy accession number, or a complete copy of the outside pathology report</i>
	BREAST TISSUE, Biopsy or Resection	Formalin – <u>Enter tissue removal and fixation times on requisition</u>	Room Temp / Routine same day pick up	<i>Provide NPA biopsy accession number or a complete copy of outside pathology report.</i>
FROZEN SECTION <i>TAT: Approx 30 min after receipt</i>	Fresh Tissue (no formalin)	Saline or saline-soaked gauze	Room Temp / Call for immediate pick up	
LYMPHOMA PROTOCOL <i>TAT: 1-2 days</i>	Lymph node (LN) fresh specimen	Saline or saline-soaked gauze; RPMI for LN or LN aspirate also acceptable	Room Temp / Call for immediate pick up	
BIA-ALCL (Breast Implant Associated Anaplastic Large Cell Lymphoma) TAT-1-2 days	Capsule tissue-fresh; Fluid, if available, in RPMI	Submit using Lymphoma Protocol, write "R/O BIA-ALCL"	Room Temp / Call for immediate pick up	

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DIF Direct Immunofluorescence) TAT: 7 days	Tissue	<i>Prefer 2 specimens :</i> Peri-lesional – Michel's solution Lesional – Formalin	Room Temp or Refrigerated; Routine pick up	
CYTOLOGY				
GYN CYTOLOGY (Pap Test only) TAT: 3-5 days	Cervical, endocervical, vaginal Liquid -based Pap Test (ThinPrep®)	ThinPrep	Room Temp / Routine pickup	HPV HR or genotyping, chlamydia, gonorrhea, trichomonas, or HSV can be added to a ThinPrep pap specimen for up to 42 days. Tests other than the above can be added if specimen received within 9 days of collection.
	Conventional	Specimen smear on labeled glass slide, preserved with cytology spray fixative	Room Temp / Routine pickup	
THINPREP PAP with HPV HR, HPV genotyping, Chlamydia, Gonorrhea, Trichomonas, HSV TAT: 5-7 days	Cervical, vaginal, endocervical	ThinPrep	Room Temp / Routine pickup	HPV, chlamydia, gonorrhea, trichomonas, or HSV can be added for up to 42 days to a ThinPrep specimen
THINPREP PAP WITH ONESWAB® for Infectious Disease Testing TAT: 5-7 days	Urogenital	ThinPrep (for Pap) + OneSwab (with swab inside)	Room Temp / Routine pickup. Same day pickup preferable for TAT.	Prefer receipt of OneSwab within 5 days, however can attempt testing as long as the specimen DNA is intact. Additional tests can be ordered for up to 30 days after stabilization at reference lab
INFECTIOUS DISEASE TESTING ONLY (NO PAP) (Molecular Testing by PCR)	Skin	OneSwab (with swab submitted)	Room Temp / Routine same day pickup preferable for TAT.	Prefer receipt of OneSwab within 5 days, however can attempt testing as long as the specimen DNA is intact. ThinPrep must be received at reference lab within 9 days. Additional tests can be ordered for up to 30 days after stabilization at reference lab
	Urogenital	OneSwab (preferred); or ThinPrep with "No Pap" marked on requisition Note: Use OneSwab for AV Panel	Room Temp / Routine same day pickup preferable for TAT.	
	HPV screen or HPV genotyping no initial screen	Use ThinPrep if no other tests ordered. Otherwise use OneSwab (submitted with swab)	Room Temp / Routine same day pickup <u>REQUIRED</u> if OneSwab	

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TAT: 3-5 days	Urine	UroSwab (<i>submitted with swab</i>)	Room Temp / Routine same day pickup preferable for TAT.	<i>Specimen viable for 5 days in UroSwab or NasoSwab</i>
	Respiratory	NasoSwab(<i>submitted with swab</i>)	Room Temp / Routine same day pickup preferable for TAT.	<i>Additional tests can be ordered for up to 30 days once stabilized at reference lab</i>
HPV HR, HPV Genotyping, Chlamydia, Gonorrhea, Trich, Herpes simplex ONLY (NO PAP) TAT: 3-7 days	Cervical, vaginal, endocervical	ThinPrep, mark "No Pap" on req Can be ordered with or without a Pap test	Room Temp / Routine pickup	<i>Additional tests can be added for up to 42 days after collection</i>
NON-GYN CYTOLOGY TAT: 1 day	Fine needle aspirate (FNA) -or- Cyst contents aspirate	CytoLyt; RPMI if flow cytometry is ordered	CytoLyt: Room Temp / Routine same day/next day pickup. RPMI: Refrigerate / Same day pickup	<i>Specimen for flow cytometry must be received same day as collection</i> <i>Specimen in CytoLyt for cytology is stable up to 8 days</i>
		Fresh specimen- <i>remove needle before transporting to NPA</i>	Refrigerate / Call for immediate pickup	
	Lymph node FNA	CytoLyt- cytology only (RPMI is acceptable) Flow cytometry - RPMI	CytoLyt: Room Temp / Routine same day/next day pickup. RPMI: Refrigerate / Same day pickup	<i>Specimen for flow cytometry must be received same day as collection</i> <i>Specimen in CytoLyt for cytology only is stable up to 8 days</i>
	Body Fluid (CSF, pleural, synovial)	Fresh; or RPMI if flow ordered	Refrigerate / Routine same day pickup	<i>CSF minimum volume for cytology - 1 ml; additional 1 ml minimum required for flow</i>
	Sputum	Clean, dry container, no fixative	REFRIGERATE / Routine same day pickup	
	Voided urine or bladder wash	Fresh; -or- UroVysion® pellet preservative added if bladder cancer FISH also ordered	Refrigerate / Routine same day pickup	<i>Cytology + UroVysion min vol: 30 ml</i>

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BLADDER CANCER FISH (UroVysion®) TAT: 5-7 days	Voided urine -OR- Bladder wash	Thoroughly mix UroVysion® pellet preservative into the specimen.	Refrigerate / Must have same day pickup because of limited specimen viability	<u>Minimum</u> volume required: Cytology + UroVysion: 30 ml UroVysion only: 20 ml
ADVANCED STUDIES				
AFIRMA TAT: 14 days	Thyroid FNA	Submit Afirma Collection Tube with CytoLyt FNA specimen	Room Temp if same day pickup / Routine pickup (Refrigerate if next day pickup)	
BIOETHERANOSTICS CancerTYPE ID TAT: 7 days	Cancer of unknown origin	Clinician can write an order to NPA to initiate the test -OR- Clinician can order directly from BioTher. BioTher then sends a request for tissue to NPA.	NA	
BONE MARROW BIOPSY TAT: 3-7 days	BM aspirate BM aspirate clot BM asp smears BM core biopsy Peripheral blood smears	Send recent CBC results with the specimen	Refrigerate / Routine same day pickup	Refer to Bone Marrow Biopsy Collection instructions in Client Services Manual
	DRY TAP (no BM aspirate available) • 5 or BM core touch preps • BM core in B plus fixative • 2nd unfixed BM core for flow; 3rd unfixed core preferred for cytology or addl testing	Submit unfixed BM cores on saline-soaked gauze or RPMI (preferred); green top (heparin) or lav top (EDTA) acceptable Cores submitted in B plus fixative <u>cannot</u> be used for flow	Refrigerate / Call for immediate pickup	Ideal core length for flow cytometry is 10 mm, but will attempt to run on whatever is received. Note: <u>Cores submitted in B plus fixative cannot be used for flow.</u> Refer to Bone Marrow Biopsy Collection instructions in Client Services Manual

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FLOW CYTOMETRY <i>TAT: 1 day</i>	CSF, Pleural Fluid	Fresh or RPMI	Refrigerate / Routine same day pickup	<i>Specimen for flow must be received on the same day as collection.</i>
	Peripheral blood	Lavender top tube	Refrigerate / Routine pickup	<i>Minimum volume 2 ml; more if very low WBC</i>
FOUNDATION ONE <i>TAT: 21 days</i>		NPA must receive a written request from clinician*	NA	<i>* Strongly recommend that the physician's office call pt insurance before ordering to confirm that patient's policy will cover the test.</i>
GOUT CRYSTALS <i>TAT: 1 day</i>	Tissue	<u>Do not submit in formalin or saline:</u> Submit in empty sterile container -or- 100% alcohol	Room Temp / Routine same day pickup	
	Synovial Fluid	Remove needle and transport in the syringe to NPA	Room Temp / Routine same day pickup	
HPV GENOTYPING ON TISSUE <i>TAT: 5 days</i>	Head and Neck (oropharyngeal) Cancer	Written order by clinician on a block already at NPA		<i>Evidence of HPV infection needed prior to sendout for HPV genotyping.</i>
	Condyloma Accuminatum	Written order by clinician on a block already at NPA		<i>No evidence of HPV infection needed prior to sendout</i>
MAMMAPRINT <i>TAT: 5-10days</i>	Breast cancer	Written order by clinician to NPA -or- Clinician orders directly from Agendia & Agendia will request tissue from NPA	NA	

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<p>MMR - Mismatch Repair gene</p> <p>HNPCC / Lynch Syndrome</p> <p>MSI - Microsatellite Instability</p> <p><i>TAT: 5-7 days</i></p>	<p>MMR by IHC: Colon or rectal tumor preferred</p> <p>MSI by PCR: colon tumor preferred + peripheral blood in EDTA (lav top);</p> <p>*can be performed on adenomatous polyp</p>	Formalin	Room Temp/ Routine same day pickup	* <i>Note: Negative result on an adenomatous polyp does not rule out Lynch Syndrome</i>
<p>MUSCLE BIOPSY</p> <p><i>(Call NPA prior to the procedure)</i></p> <p><i>TAT: 7 days</i></p>	Fresh muscle tissue	Fresh specimen submitted in sterile container and saline gauze from UF Muscle Specimen Kit.	Room Temp / Call for immediate pickup	<i>Call NPA 1 week prior to procedure to schedule and obtain supplies</i>
<p>ONCOTYPE DX</p> <p><i>TAT: 10 days</i></p>	Breast cancer	Written order by clinician to NPA - OR- Clinician orders test directly from Genomic Health. Genomic Health will request tissue from NPA.	NA	
<p>OSTEOMYELITIS PROTOCOL</p> <p><i>TAT: >1 day</i></p>	Bone	Bone specimen submitted in formalin to NPA. Surgery center to send separate specimen to micro lab for culture	Room Temp / Routine pickup	
<p>REQUEST FOR SECOND OPINION ON AN NPA DIAGNOSIS</p> <p><i>TAT: 7-14 days</i></p>		Written request from clinician for a second opinion on an NPA diagnosis. Send patient insurance information.	NA	

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CONSULT REQUEST ON A CASE DIAGNOSED ELSEWHERE <i>TAT: 3-5 days</i>	Glass slides (original or recuts), billing, and original pathology report; blocks if indicated	Clinician requests an outside facility to send case slides and pathology report to NPA for review.	NA	<i>Clinician request for NPA to review a diagnosis</i>
STONE ANALYSIS <i>TAT: 7 days</i>	Kidney stone, Gall stone	Transport in a clean dry container	Room Temp / Routine pickup	

KEY: NA - Not applicable Room Temp / RT - Room temperature Refrigerate - Refrigerate until pickup Soln - Solution TAT - Turn around time

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