

SPECIMEN SUBMISSION, STORAGE, AND TRANSPORT

Naples Pathology Associates

For specimen collection instructions, see Client Services Manual

NPA routine pickup: 239-263-1777 Immediate pickup (e.g. frozen section, lymphoma): 239-436-3910

	TEST	SPECIMEN TYPE	TRANSPORT MEDIUM / ORDER METHOD	SPECIMEN STORAGE/ PICKUP STATUS	ADDITIONAL COMMENTS
HISTOLOGY	ROUTINE HISTOLOGY (Permanent Section) <i>TAT: 1 business day Breast or fatty tissue: 2 days 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 previous 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 NPA & Mail Station for frozen specimen schedule & coordination of specimen 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 /Refrigerate if in RPMI Call for immediate pick up	
	BIA-ALCL (Breast Implant Associated Anaplastic Large Cell Lymphoma) <i>TAT-1-2 days</i>	Capsule tissue-fresh; Fluid, if available, in RPMI	Submit using Lymphoma Protocol, write "R/O BIA-ALCL" on req	Room Temp /Refrigerate if in RPMI Call for immediate pick up	

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HISTOLOGY	<p style="text-align: center;">CORNEAL DONOR TISSUE</p> <p style="text-align: center;"><i>TAT: 1-2 days</i></p>	<p style="text-align: center;">Corneal donor tissue / Patient corneal button</p>	<p>Formalin</p> <p>1. Submit a requisition with the patient (transplant recipient) demographic information and insurance information. For each specimen letter on the requisition, specify whether it is Donor tissue or Patient corneal button.</p> <p>2. Label donor specimen as "DONOR" tissue and with patient name and DOB. Label patient's removed tissue as "PATIENT" tissue, with name and DOB.</p>	<p style="text-align: center;">Room Temp / Routine Pick up</p>	<p>If available, add donor cornea serial number in the clinical description.</p>
	<p style="text-align: center;">DIF (Direct Immunofluorescence)</p> <p style="text-align: center;"><i>TAT: 7 days</i></p>	<p style="text-align: center;">Biopsy</p>	<p><u>Prefer 2 specimens :</u> Peri-lesional – Michel's solution Lesional – Formalin</p>	<p style="text-align: center;">Room Temp or Refrigerated; Routine pick up</p>	

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CYTOLOGY	GYN CYTOLOGY (Pap Test only)	Cervical, endocervical, vaginal Liquid -based Pap Test (ThinPrep®)	ThinPrep	Room Temp / Routine pickup	<i>HPV HR or HPV genotyping, chlamydia, gonorrhea, trichomonas, or HSV can be added to a ThinPrep pap specimen for up to 42 days.</i> <i>Tests other than the above can be added if specimen received within 9 days of collection.</i>
		Conventional	Specimen smear on labeled glass slide, preserved with cytology spray fixative	Room Temp / Routine pickup	<i>Conventional pap smears are a suboptimal method to evaluate cervical and/or Gyn cytology specimens. The ThinPrep Liquid Based Pap Test is the optimal and preferred method.</i>
	TAT: 3-5 days				
	THINPREP PAP with HPV HR, HPV genotyping, Chlamydia, Gonorrhea, Trichomonas, HSV	Cervical, vaginal, endocervical	ThinPrep	Room Temp / Routine pickup	<i>HPV, chlamydia, gonorrhea, trichomonas, or HSV can be added for up to 42 days to a ThinPrep specimen</i>
TAT: 5-7 days					
THINPREP PAP WITH ONESWAB® for Infectious Disease Testing	Urogenital	ThinPrep (for Pap) + OneSwab (with swab inside)	Room Temp / Routine pickup. Same day pickup preferable for TAT.	<i>Prefer receipt of OneSwab within 5 days, however can attempt testing as long as the specimen DNA is intact.</i> <i>Additional tests can be ordered for up to 30 days after stabilization at reference lab</i>	
TAT: 5-7 days					

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CYTOLOGY	INFECTIOUS DISEASE TESTING ONLY (NO PAP) <i>(Molecular Testing by PCR)</i>	Skin	OneSwab <i>(with swab submitted)</i>	Room Temp / Routine same day pickup preferable for TAT.	<i>Prefer receipt of OneSwab within 5 days, however can attempt testing as long as the specimen DNA is intact.</i> <i>ThinPrep must be received at reference lab within 9 days.</i> <i>Additional tests can be ordered for up to 30 days after stabilization at reference lab</i>
		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 <i>(submitted with swab)</i>	Room Temp / Routine same day pickup <u>REQUIRED</u> if OneSwab	
		Urine	UroSwab <i>(submitted with swab)</i>	Room Temp / Routine same day pickup preferable for TAT.	
		Respiratory	NasoSwab <i>(submitted with swab)</i>	Room Temp / Routine same day pickup preferable for TAT.	
	TAT: 3-5 days				<i>Specimen viable for 5 days in UroSwab or NasoSwab</i> <i>Additional tests can be ordered for up to 30 days once stabilized at reference lab</i>

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CYTOLOGY	NON-GYN CYTOLOGY TAT: 1 day	Fine needle aspirate (FNA) -or- Cyst contents aspirate	First Pass: 2 direct smears (1 fixed, 1 air dried). Remaining fluid from first pass in CytoLyt. Second, third and any additional passes should be submitted in 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- remove needle before transport to NPA	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	Refrigerate / Routine same day pickup	<i>Cytology, recommended vol: 30 ml</i>

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ADVANCED STUDIES	AFIRMA <i>TAT: 14 days</i>	Thyroid FNA	Submit Afirma Collection Tube with Cytolyt FNA specimen	Room Temp if same day pickup / Routine pickup <i>(Refrigerate if next day pickup)</i>		
	BIOETHERANOSTICS CancerTYPE ID <i>TAT: 7 days</i>	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		
	CASTLE DecisionDx-Melanoma DecisionDx-SCC <i>TAT: 9-14 days</i>	Melanoma or SCC diagnosis	Clinician orders the test directly from Castle BioSci. Castle sends request for tissue to NPA.	NA	<i>Option for standing order available</i>	
	CASTLE TissueCypher Assay <i>TAT: 9-14 days</i>	Barrett's Esophagus	Clinician orders the test directly from Castle BioSci. Castle sends request for tissue to NPA.	N/A	<i>Option for standing order available</i>	
	FLOW CYTOMETRY		CSF, Pleural Fluid	Submit fresh or in RPMI	Refrigerate CSF-call for immediate 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>
		<i>TAT: 1 day</i>	Lymph node/ Tissue, BIA-ALCL	Submit fresh or in RPMI	Room temp/Refrigerate if in RPMI Call for immediate pickup	

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ADVANCED STUDIES	FOUNDATION ONE		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	Tissue	Do not submit in formalin or saline: 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	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>
	IRON, QUANTITATIVE	Liver biopsy	Formalin	Room temp / Routine pickup	
	MAMMAPRINT	Breast cancer	Written order by clinician to NPA -or- Clinician orders directly from Agendia & Agendia will request tissue from NPA	NA	
	MSI - Microsatellite Instability -or- MMR - Mismatch Repair gene -or- HNPCC / Lynch Syndrome	MMR by IHC: Colon or rectal tumor preferred MSI by PCR: colon tumor preferred + peripheral blood in EDTA (lav top); *can be performed on adenomatous polyp	Formalin	Room Temp/ Routine same day pickup	<i>*Note: Negative result on an adenomatous polyp does not rule out Lynch Syndrome</i>

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ADVANCED STUDIES	ONCOTYPE DX <i>TAT: 10 days</i>	Breast cancer	Written order by clinician to NPA - OR- Clinician orders test directly from Genomic Health. Genomic Health will request tissue from NPA.	NA	
	OSTEOMYELITIS PROTOCOL <i>TAT: >1 day</i>	Bone	Bone specimen submitted in formalin to NPA. Surgery center to send separate specimen to micro lab for culture	Room Temp / Routine pickup	
	REQUEST FOR SECOND OPINION ON AN NPA DIAGNOSIS <i>TAT: 7-14 days</i>		Written request from clinician for a second opinion on an NPA diagnosis. Send patient insurance information.	NA	
	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>Slides must be sent to the NPA laboratory regardless if inpatient or outpatient. e.g. Clinician wants NPA to review a case to confirm diagnosis before treatment.</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