



Policies and Procedures

REVISION HISTORY			
REV	Description of Change	Author	Effective Date
0	Initial Release	Paul B. Googe, M.D.	06.01.1997
1	Format Revision	Susan Foreman, HT	11.02.2005
2	Format Revision. Added regulatory requirements CAP, DOT, FAA and OSHA references and instructions. Combined 101.1 and 101.16. Added additional collection instructions. Added Limitations information and Interpretive notes. Added additional safety instructions.	Ada Brannan, BA, CLS (FI), HTL (ASCP) SLS	08.28.2013
3	Added packaging, shipping, transportation, training instructions and references.	Ada Brannan, BA, CLS (FI), HTL (ASCP) SLS, QIHC	11.12.2014
4			
5			
	Supersedes Document/Section # 101.1 and 101.16		
	Date Removed From Service 08.28.2013		

REGULATORY REFERENCE DOCUMENTS CAP, OSHA, FAA	
Document Number	Document Title
GEN.40016	Collection Manual Biennial Review
GEN.40032	New Specimen Collection Procedure
GEN.40050	Distribution of Manuals
GEN.40100	Specimen Collection Manual Elements
GEN.40125	Referral Lab Specimen Handling
GEN.40460	Phlebotomy Supplies – Expiration Date/Storage
GEN.40490	Patient Identification
GEN.40491	Specimen Labeling
GEN.40492	Specimen Label Correction
GEN.40493	Compatibility Specimen Labeling
GEN.40505	Phlebotomist Feedback
GEN.40508	Phlebotomy Adverse Reaction
GEN.74500	Specimen Transport Procedures
GEN.74600	Spill Handling
GEN.74100, 74200	PPE Provision and Usage, PPE Instruction
49CFR Parts 171-175	Transporting Infectious Substances Safely
GEN.76100	MSDS
GEN.76200	Chemical Precautionary Labels
29CFR 1910.1048	Formaldehyde Standard
29CFR 1910.1030	Bloodborne Pathogen Standard
GEN.41345	Turnaround Time
ANP.11900	Verbal Reports
ANP.11950	Verbal Report/Patient ID
ANP.11475	Sub-Optimal Specimens
GEN.40930	Authorized Requester
29CFR 1910.1200	Hazard Communication Standard
29CFR 1910.132	Personal Protective Equipment Standard
29CFR 1910.138	Hand Protection Standard



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29CFR 1910.1048	Toxic and Hazardous Substances, Formaldehyde
GEN.40512	Infectious Material Packing/Shipping
GEN.40515	Transport Personnel Training
GEN.40530	Specimen Tracking
GEN.40535	Specimen Transport QM
GEN.40700	Requisitions
REFERENCE FORMS/QUALITY RECORDS	
Form Number	Form Name
KDL-GOP-S-01.h	Job Hazard Assessment – Transportation of Biological Substances
KDL-GOP-SC-01.a	KDL IHC/Special Stains Requisition Form
KDL-GOP-SC-01.b	Test Menu
	Laboratory Authorization for Release of Medical Records
	KDL Request for Dermatopathology Consultation
	Specialty Labs, Inc. Request for Pathology Consultation
	Molecular Pathology Lab Requisition
	Yale University Molecular Diagnostics Request Form
KDL-GOP-SC-01.c	Specimen Log
KDL-GOP-CR-01.a	KDL Courier Log Sheet

Principle:

To ensure optimal collection conditions and protocols and to ensure the consistent handling of specimen tissue while in transport from remote location to the laboratory. Clients are encouraged to call the KDL Lab directly whenever there are questions regarding specimen preparation and submission or when there are special handling requirements.

Safety:

Specimens that are shipped must be packaged in accordance with applicable federal, state and local regulations. Shipping personnel must be trained in IATA, DOT, and FAA regulations as appropriate.

Employees will use personal protective equipment (PPE) when handling small spills involving formalin and formaldehyde products including nitrile gloves. Couriers are advised to request help from client technical representatives when a container leak or spill is encountered.

Couriers must complete a Job Hazard Assessment for Transportation of Biological Substances when hired and when protocol changes warrant updates. Couriers will also be trained in formaldehyde safety when hired and yearly thereafter.

Michel's Transport Medium is not a true fixative. Specimens received in Michel's should be regarded as a potential biological hazard.

Don PPE when there is a potential for exposure to tissue, biological fluids, chemicals and reagents. Observe Universal Precautions when handling blood, tissue, and other potentially infectious material.

Use needle safety devices whenever warranted. Do not manually recap needles.

Courier transport boxes with specimens must be kept in the trunk or back of the vehicle and a spill kit must be in the vehicle.



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Courier vehicles are not to be used for the transport of people.

Specimen Collection Handbook:

The Laboratory Director reviews and approves all substantial changes to the specimen collection procedure manual before implementation and reviews procedures at least biennial.

The distribution of the collection handbook is distributed to all clients involved with specimen collection.

Supplies:

Specimen containers with formalin, specimen bags, requisitions and Michel's transport media are provided by KDL and delivered to clinician via courier. Red top blood tubes (required for indirect immunofluorescence studies) are not provided by KDL.

Specimen Labeling and Corrections:

Specimen primary containers will be labeled with two patient identifiers. The first identifier will be the patient name. The second patient identifier can include date of birth, social security number, requisition number, accession number, chart number (provided the chart number is also listed on the requisition). In addition, the label must include the specimen site and description.

Submitted slides must be labeled with the patient name. Also, a second identifier is preferred.

KDL couriers are to request that the client technical staff perform corrections to any specimen that is improperly labeled prior to leaving the client location.

Sub-optimal Specimens Include the Following:

1. Specimens without two patient identifiers (one of which must be the patient's name)
2. Specimens without an anatomic site/description on the specimen container
3. Specimens in which the container information does not match the requisition
4. Inappropriately fixed specimens
5. Leaking specimens

When possible, corrections ideally will be corrected at client site.

Transportation:

Courier must verify that the client specimen pick up logs match the items they have picked up for transport and initial the KDL Courier Log Sheet as appropriate.

Courier places specimen bags inside an opaque bag or transport box for transport back to laboratory. This helps ensure that patient information is kept confidential.

Specimens must be carried in the trunk or back of the vehicle.



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Our courier makes every effort to ensure that specimen temperature is maintained and not subject to extremes.

The Tennessee Department of Health provided these instructions for shipping UN3373 Biological Substances. This information is provided as a convenience and does not replace the need for appropriately trained staff in compliance of federal, state and local regulations.

Instructions for Packaging and Labeling Category B Biological Substances for Shipment

Before packaging your shipment, please classify your package by using the DOT, IATA, or USPS flow charts.

Any shipment classified as Category A must be shipped by a trained and certified shipper. Do not send Category A shipments packaged as Category B.

The shipping name "diagnostic specimen" has been replaced with "Biological Substance, Category B". Use only a UN Certified 6.2 Mailing System Labeled UN 3373.

1. The mailing system should consist of three containers:
 - o Primary receptacle (ex. specimen tube, vacutainer, blood culture bottle)
 - o Secondary container (inner mailing container)
 - o Outer mailing container
2. Wrap the primary receptacle with a cushioning and absorbent packing material. There must be enough absorbent material to contain the entire liquid contents if the specimens are broken. Specimens should be packed securely but not so tightly that they are difficult to remove from the container.
3. Place the specimen(s) into the secondary container.
4. Ensure that secondary container has a gasket or ring-seal in the lid before placing the lid on the secondary container securely.
5. Place a Biohazard label on the outside of the secondary container. This is required by OSHA. **DO NOT PUT THIS LABEL ON THE OUTER CONTAINER. The specimen MAY NOT be accepted or may be returned to you if the biohazard label is on the outer container.**
6. Place the secondary container in the outer mailing container.
7. Place the specimen request form in a sealable plastic bag and into the outer mailing container.
8. If cold packs are needed, place them around the specimen. Do not use wet ice.
9. Close the outer mailing container, following the manufacturer's instruction for secure closure.
10. Place a **UN3373, Biological Substance, Category B** label on the outer mailing container.
11. Write the return address and the name and telephone number of a responsible person on the outer container.
12. Below the return mailing address write the consignee address on the outside of the outer mailing container.



Document/Section Number:
Document Title:

KDL-GOP-SC-01
Specimen Collection

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Authorized Requesters:

The laboratory performs tests only at the written or electronic request of an authorized person.

Contact Information:

KDL Pathology
315 Erin Drive
Knoxville, TN 37919
865-584-1933, 800-772-0951
Fax 865-584-1323
www.labpath.com



Policies and Procedures

<p>Specimen Type: Biopsies for histopathological evaluation</p>
<p>Synonyms: Excision, punch biopsy, shave biopsy, skin biopsy</p>
<p>Test: Histological evaluation includes gross examination, microscopic examination, and diagnosis.</p>
<p>Logistics:</p> <p>KDL office number: 865-584-1933, 800-772-0951 KDL fax number: 865-584-1323</p> <p>Availability: Monday – Friday 8:00 a.m. to 5:00 p.m.</p> <p>Turn-Around-Time: Generally, 6 - 36 hours after receiving the specimen or the next business day for specimens over the weekend. Tissue requiring decalcification can take 48 – 72 hours. Tissue requiring additional special stains and immunohistochemistry may take 24 - 48 hours. The pathologist in charge of the case will be responsible for notifying the referring physician when a diagnostic report is delayed.</p> <p>Requisition form: Fill out requisition completely including name, anatomic site and description, authorized submitting doctor, and time of collection. Requisition must be completed with at least two patient identifiers, the first of which must be the patient’s name. The operative diagnosis and pertinent clinical information, patient history, previous cancer, drugs and radiation therapy on the requisition. Attach relevant billing and insurance information. Include instructions for reporting results.</p> <p>Special Instructions: Call the Lab Director for specific instructions prior to beginning special procedures. Unfixed (fresh) specimens require quick and special handling, call the KDL lab when unfixed tissue will be submitted.</p> <p>Specimens that are being mailed: Specimen containers that are being shipped by mail or common carrier should be placed in a biohazard bag. This should then be placed, along with absorbent material, in another crush resistant shipping container. Shipping containers are available from KDL upon request. The requisition should accompany the specimen in the second compartment of the bag, and include the patient’s name, date of birth, social security number, submitting physician, date specimen obtained and pertinent clinical information including history and clinical diagnosis. Billing information or directions should also be included along with special instructions for reporting results. Client staff members who are mailing specimens must be trained regarding Department of Transportation (DOT) and Federal Aviation Administration (FAA) requirements for the shipment of biological substances.</p>
<p>Specimen Collection:</p> <p>Supplies: Patient identification label, formalin fixative container, biohazard specimen transport bag, formaldehyde warning label, requisition.</p> <p>Collection: Specimens are to be placed immediately in a container of 10% neutral buffered formalin. The volume of formalin must be 10 to 20 times the size of the tissue. The formalin container must allow for freedom of tissue movement within the container. Maintain specimen integrity by checking seals and avoiding leaks. The specimen container must be labeled with two patient identifiers (including patient name) and specimen site and description.</p> <p>Interpretive: The pathologist reserves the right to work up cases according to his best medical judgment. This workup may include special stains and immunohistochemical assays.</p> <p>Limitations: Tissue fixed in formalin CANNOT be used for immunofluorescence, culture, certain types of flow cytometric studies, frozen section and are not ideal for electron microscopy.</p>



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Specimen Type: Biopsy for Direct Immunofluorescence examination
Synonyms: FITC, DIF, IF
Test: Histological evaluation includes gross examination, microscopic examination, and diagnosis.
<p>Logistics:</p> <p>KDL office number: 865-584-1933, 800-772-0951 KDL fax number: 865-584-1323</p> <p>Availability: Monday – Friday 8:00 a.m. to 5:00 p.m.</p> <p>Turn-Around-Time: Generally, 6 - 36 hours after receiving the specimen or the next business day for specimens over the weekend. The pathologist in charge of the case will be responsible for notifying the referring physician when a diagnostic report is delayed.</p> <p>Requisition form: Fill out requisition completely including name, specimen site and description, authorized submitting doctor, and time of collection. Requisition must be completed with at least two patient identifiers, the first of which must be the patient's name. The operative diagnosis and pertinent clinical information, patient history, previous cancer, drugs and radiation therapy on the requisition. Attach relevant billing and insurance information. Include instructions for reporting results.</p> <p>Special Instructions: Call the Lab Director for specific instructions prior to beginning special procedures.</p> <p>Unfixed (fresh) specimens which are not in transport media require quick and special handling, call the KDL lab when unfixed tissue will be submitted.</p> <p>Specimens that are being mailed: Specimen containers that are being shipped by mail or common carrier should be placed in a biohazard bag. This should then be placed, along with absorbent material, in another shipping container, preferably crush resistant. Shipping containers are available from KDL upon request. The requisition should accompany the specimen in the second compartment of the bag, and include the patient's name, date of birth, social security number, submitting physician, date specimen obtained and pertinent clinical information including history and clinical diagnosis. Billing information or directions should also be included along with special instructions for reporting results. Client staff members who are mailing specimens must be trained regarding DOT and FAA requirements for the shipment of biological substances.</p>
<p>Specimen Collection:</p> <p>Supplies: Patient identification label, Michel's Transport Medium container, biohazard specimen transport bag, biohazard warning label, requisition.</p> <p>Collection: Place specimen immediately in Michel's Transport Medium. Maintain specimen integrity by checking seals and avoiding leaks. The specimen container must be labeled with two patient identifiers (including patient name) and specimen site and description. Fresh specimens should be kept cool on wet gauze and received within 30 minutes of removal from the patient. Frozen samples should be placed in OCT Medium or in an airtight container and sent immediately to lab on dry ice.</p>
<p>Interpretive: The pathologist reserves the right to work up cases according to his best medical judgment. This workup may include special stains and immunohistochemical assays.</p> <p>Limitations: Tissue fixed in formalin CANNOT be used for immunofluorescence. Specimens in Michel's transport medium for direct immunofluorescence should arrive in the laboratory within 5 days of removal from the patient. Fresh specimens with no transport medium should arrive within 30 minutes.</p>



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Specimen Type: Blood for Indirect Immunofluorescence examination
Synonyms: IF, FITC
Test: Histological evaluation includes gross examination, microscopic examination, and diagnosis.
<p>Logistics:</p> <p>KDL office number: 865-584-1933, 800-772-0951 KDL fax number: 865-584-1323</p> <p>Availability: Monday – Friday 8:00 a.m. to 5:00 p.m.</p> <p>Turn-Around-Time: Generally, 6 - 36 hours after receiving the specimen or the next business day for specimens over the weekend. The pathologist in charge of the case will be responsible for notifying the referring physician when a diagnostic report is delayed.</p> <p>Requisition form: Fill out requisition completely including name, specimen site and description, authorized submitting doctor, and time of collection. Requisition must be completed with at least two patient identifiers, the first of which must be the patient's name. The operative diagnosis and pertinent clinical information, patient history, previous cancer, drugs and radiation therapy on the requisition. Attach relevant billing and insurance information. Include instructions for reporting results.</p> <p>Special Instructions: Call the Lab Director for specific instructions prior to beginning special procedures.</p> <p>Unfixed (fresh) specimens which are not in transport media require quick and special handling, call the KDL lab when unfixed tissue will be submitted.</p> <p>Specimens that are being mailed: Specimen containers that are being shipped by mail or common carrier should be placed in a biohazard bag. This should then be placed, along with absorbent material, in another crush resistant shipping container. Shipping containers are available from KDL upon request. The requisition should accompany the specimen in the second compartment of the bag, and include the patient's name, date of birth, social security number, submitting physician, date specimen obtained and pertinent clinical information including history and clinical diagnosis. Billing information or directions should also be included along with special instructions for reporting results. Client staff members who are mailing specimens must be trained regarding DOT and FAA requirements for the shipment of biological substances.</p>
<p>Specimen Collection:</p> <p>Supplies: Patient identification label, red blood collection tube, biohazard specimen transport bag, biohazard warning label, requisition.</p> <p>Collection: Red top blood tube should be sent fresh within two days. Maintain specimen integrity by checking seals and avoiding leaks. The specimen container must be labeled with two patient identifiers (including patient name) and specimen site and description.</p>
<p>Interpretive: The pathologist reserves the right to work up cases according to his best medical judgment. This workup may include special stains and immunohistochemical assays.</p>
<p>Limitations: Tissue fixed in formalin CANNOT be used for immunofluorescence.</p>



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<p>Specimen: Frozen Section</p>
<p>Synonyms: Cryo Lab biopsy</p>
<p>Test: Histological evaluation includes gross examination, microscopic examination, and diagnosis.</p>
<p>Logistics:</p> <p>KDL office number: 865-584-1933, 800-772-0951 KDL fax number: 865-584-1323</p> <p>Availability: Monday – Friday 8:00 a.m. to 5:00 p.m.</p> <p>Turn-Around-Time: Generally, 15 minutes for preliminary diagnosis. When verbal reports are given, the pathologist must speak directly with intra-operative medical/surgical personnel. The patient’s identification is checked and confirmed before delivery of any verbal report. 24 - 36 hours for permanent section diagnosis or the next business day for specimens over the weekend. The pathologist in charge of the case will be responsible for notifying the referring physician when a diagnostic report is delayed.</p> <p>Requisition form: Fill out requisition completely including name, specimen site and description, authorized submitting doctor, and time of collection. Requisition must be completed with at least two patient identifiers, the first of which must be the patient’s name. The operative diagnosis and pertinent clinical information, patient history, previous cancer, drugs and radiation therapy on the requisition. Attach relevant billing and insurance information. Include instructions for reporting results.</p> <p>Special Instructions: Call the Lab Director for specific instructions prior to beginning special procedures.</p> <p>Specimens that are being mailed: Frozen section specimens are not suitable for mailing.</p>
<p>Specimen Collection:</p> <p>Collection: The specimen container must be labeled with two patient identifiers (including patient name). Specimen site and description must be included on the specimen container.</p> <p>Cryoblocks must maintain two patient identifiers throughout the process.</p> <p>All prepared frozen section slides must also have two patient identifiers.</p> <p>All frozen section, touch and scrape preparation slides are permanently stained, mounted, properly labeled, and retained with all the processed slides from the case.</p>
<p>Interpretive: The pathologist reserves the right to work up cases according to his best medical judgment. This workup may include special stains and immunohistochemical assays.</p>
<p>Limitations: Tissue fixed in formalin CANNOT be used for frozen section.</p>



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<p>Specimen Type: Client prepared outside slides, Paraffin Blocks for Consult</p>
<p>Synonyms: Smears for Wright stain, Touch preps, Paraffin slides for special stains, Paraffin slides for IHC, Tissue Cassette</p>
<p>Test: Microscopic examination and diagnosis.</p>
<p>Logistics:</p> <p>KDL office number: 865-584-1933, 800-772-0951 KDL fax number: 865-584-1323</p> <p>Availability: Monday – Friday 8:00 a.m. to 5:00 p.m.</p> <p>Turn-Around-Time: Generally, 24 - 36 hours after receiving the specimen or the next business day for specimens over the weekend. The pathologist in charge of the case will be responsible for notifying the referring physician when a diagnostic report is delayed.</p> <p>Requisition form: Fill out requisition completely including name, specimen site and description, social security number and authorized submitting doctor. Requisition must be completed with at least two patient identifiers, the first of which must be the patient's name. The operative diagnosis and pertinent clinical information, patient history, previous cancer, drugs and radiation therapy on the requisition. Attach relevant billing and insurance information. Include instructions for reporting results.</p> <p>Special Instructions: Call the Lab Director for specific instructions prior to beginning special procedures.</p> <p>Specimens that are being mailed: Specimen slides that are being shipped by mail or common carrier should be placed in a plastic slide mailer and then in a biohazard bag. Blocks should be placed in a biohazard bag. This should then be placed along with an ice pack in crush resistant shipping container. Shipping containers are available from KDL upon request. The requisition should accompany the specimen in the second compartment of the bag, and include the patient's name, date of birth, social security number, submitting physician, date specimen obtained and pertinent clinical information including history and clinical diagnosis. Billing information or directions should also be included along with special instructions for reporting results. Client staff members who are mailing slides must be trained regarding DOT and FAA requirements for the shipment of biological substances.</p>
<p>Specimen Collection:</p> <p>Supplies: Slides, blocks, plastic slide mailer, biohazard specimen transport bag, biohazard warning label, requisition.</p> <p>Collection: Slides for IHC must be cut on plus slides. Slides for Wright stains should be submitted as fresh air dried smears. Slides for Pap stain should be alcohol fixed. Maintain specimen integrity including an ice pack when shipping slides and blocks. The slides must be labeled with the patient name and preferably a second patient identifier. Blocks must be labeled with two patient identifiers.</p>
<p>Interpretive: The pathologist reserves the right to work up cases according to his best medical judgment. This workup may include special stains and immunohistochemical assays.</p>



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<p>Specimen Type: Breast core biopsies for histopathological evaluation</p>
<p>Synonyms: Core biopsy, Fine Needle Biopsy</p>
<p>Test: Histological evaluation includes gross examination, microscopic examination, and diagnosis.</p>
<p>Logistics:</p> <p>KDL office number: 865-584-1933, 800-772-0951 KDL fax number: 865-584-1323</p> <p>Availability: Monday – Friday 8:00 a.m. to 5:00 p.m.</p> <p>Turn-Around-Time: Generally, 6 - 36 hours after receiving the specimen and after proper fixation time or the next business day for specimens over the weekend. Tissue requiring additional special stains and immunohistochemistry may take 24 - 48 hours. The pathologist in charge of the case will be responsible for notifying the referring physician when a diagnostic report is delayed.</p> <p>Requisition form: Fill out requisition completely including name, specimen site and description, submitting doctor, and list the time the cores were submitted in formalin. Requisition must be completed with at least two patient identifiers, the first of which must be the patient's name. The operative diagnosis and pertinent clinical information, patient history, previous cancer, drugs and radiation therapy on the requisition. Attach relevant billing and insurance information. Include instructions for reporting results.</p> <p>Special Instructions: Call the Lab Director for specific instructions prior to beginning special procedures. Unfixed (fresh) specimens require quick and special handling, call the KDL lab when unfixed tissue will be submitted.</p> <p>Specimens that are being mailed: Specimen containers that are being shipped by mail or common carrier should be placed in a biohazard bag. This should then be placed, along with absorbent material, in another crush resistant shipping container. Shipping containers are available from KDL upon request. The requisition should accompany the specimen in the second compartment of the bag, and include the patient's name, date of birth, social security number, submitting physician, date specimen obtained and pertinent clinical information including history and clinical diagnosis. Billing information or directions should also be included along with special instructions for reporting results. Client staff members who are mailing specimens must be trained regarding DOT and FAA requirements for the shipment of biological substances.</p>
<p>Specimen Collection:</p> <p>Supplies: Patient identification label, formalin fixative container, biohazard specimen transport bag, formaldehyde warning label, requisition.</p> <p>Collection: Specimens are to be placed immediately in a container of 10% neutral buffered formalin. The volume of formalin must be 10 to 20 times the size of the tissue. The formalin container must allow for freedom of tissue movement within the container. Maintain specimen integrity by checking seals and avoiding leaks. The specimen container must be labeled with two patient identifiers (including patient name) and specimen anatomic site and description.</p>
<p>Interpretive: The pathologist reserves the right to work up cases according to his best medical judgment. This workup may include special stains and immunohistochemical assays.</p> <p>Limitations: Tissue fixed in formalin CANNOT be used for immunofluorescence, culture, certain types of flow cytometric studies, frozen section and are not ideal for electron microscopy.</p>



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(Continuation of Lymphoma and Leukemia Studies)

Collection:

The optimal tissue sample should be fresh and 0.5 cubic centimeters or larger. Smaller samples may be submitted. However, the results may be unsatisfactory if insufficient cells are present to study. The tissue sample must be fresh, not in formalin, not frozen, not crushed. The tissue should be placed in RPMI transport medium which is available from Molecular Pathology Lab or Knoxville Dermatopathology Lab. If no RPMI is available, the sample may be kept moist in saline soaked gauze until the RPMI is obtained. The sample should be kept refrigerated, but not frozen. Make sure the RPMI is fresh pink and not discolored.

Peripheral blood should be in an EDTA tube and kept at room temperature.

Transportation:

The samples should be sent to the lab promptly by Molecular Pathology Laboratory courier 865-380-9746 or Knoxville Dermatopathology Laboratory courier 865-584-1933.

Interpretive: The pathologist reserves the right to work up cases according to his best medical judgment. This workup may include special stains and immunohistochemical assays.

Limitations: Specimen too small if insufficient cells are present. Tissue fixed in formalin CANNOT be used for immunofluorescence, culture, certain types of flow cytometric studies, frozen section and are not ideal for electron microscopy.

References:

Federal Registry, OSHA. *Occupational exposure to bloodborne pathogens*. Final rule, 29 CFR Part 1910.1030, 12-6-91.

Histotechnology, A Self-Instructional Text, Second Edition, Carson, Freida, 1997.

OSHA, *Bloodborne Pathogens Standard*

http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=standards&p_id=10051

National HIV/AIDS Clinicians' Consultation Center booklet. <http://www.ucsf.edu/hivcntr>

Complying with OSHA's Bloodborne Pathogens Standard, DHHS (NIOSH) Pub No. 2009-111

National HIV/AIDS Clinicians' Consultation Center, CDC/NIOSH

Know More Hepatitis Infographic, <http://www.cdc.gov/knowmorehepatitis/infographic/index.htm>

NIOSH Alert: Preventing Needlestick Injuries in Health Care Settings

Transporting Infectious Substances Safety, US DOT

https://hazmatonline.phmsa.dot.gov/services/Pub_Free.aspx

Packaging and Shipping Course Category A & B Infectious Substances, Tennessee Department of Health (Rolinda Eddings, MT (ASCP), rolinda.eddings@tn.gov).



Document/Section Number:
Document Title:

KDL-GOP-SC-01
Specimen Collection

Policies and Procedures

Annual Review	
Date of Review	Name of Reviewer
10.01.1997	Paul B. Googe, MD
01.05.2011	Paul B. Googe, MD
11.16.2011	Paul B. Googe, MD
12.20.2012	Paul B. Googe, MD
09.12.2013	Paul B. Googe, MD

Approved:
 Paul B. Googe, M.D.
 Director of KDL Pathology Laboratories _____ Date _____
 Section Director _____ Date _____