

Longitudinal Early-onset Alzheimer's Disease Study

in collaboration with

The National Centralized Repository for Alzheimer's Disease and Related Dementias (NCRAD)

Biofluids Collection Training Slides



National Centralized Repository for Alzheimer's Disease and Related Dementias

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Contact Information

• Questions?

Please contact NCRAD Coordinators at:

Phone: 1-800-526-2839 or 317-274-7546
E-mail: alzstudy@iu.edu or agericks@iu.edu

• Website: www.ncrad.org

NCRAD

Training Overview:

- Specimen Collection Schedule
- Kit Request Module
- Specimen Labels
- Handling/Processing Study Specimens
- Sample Shipping
- NCRAD Website
- Questions?



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Biofluids Collection Schedule Overview

| | CI Baseline | CN Baseline | CI Month 12 | CN Month 12* | CI Month 24 | CN Month 24 | CI Month 36 | CI Month 48 /Annual visit |
|------------------|-------------|-------------|-------------------|--------------------|-------------------|-------------------|----------------|------------------------------------|
| Serum | X | X | X | Χ | Χ | Χ | Χ | X |
| Plasma | X | X | Χ | Χ | Χ | Χ | X | X |
| DNA | X | X | Χ | Χ | Χ | Χ | X | X |
| Whole blood for | X | | | | | | | |
| CLIA lab testing | | | | | | | | |
| Whole blood for | | | Collec | ted only on | ce over the | entire cou | irse of a part | ticipant's |
| long read | X | X | | par | ticipation in | the LEADS | S Study. | |
| sequencing | | | May be o | collected at | longitudin | al visits if n | ot collected | at Baseline |
| RNA | X | X | Χ | Χ | Χ | Χ | Χ | X |
| PBMC | X | X | Χ | Χ | Χ | Χ | Χ | Χ |
| CSF | X | X | Χ | | Χ | Χ | X | |

*CN M12 CSF may be collected if CSF was not collected at Baseline.



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| Biofluid | Biofluids Collection Schedule for CI (Cognitively | | | | | | |
|--|--|--|--|-------------------|---------|--|--|
| Sample Type | Tube Type | Number of Tubes Supplied in Kit | Aliquot Volume | Tubes to NCRAD | Ship | | |
| Whole blood for isolation of | Plain Red-Top Serum Blood Collection Tube (10 ml) | 1 | N/A | N/A | N/A | | |
| serum | SERUM: 2.0 ml cryovials with red cap (residual volume placed in 2.0 ml cryovial with blue cap) | 4 | 1.5 ml serum aliquot per 2.0 ml cryovial (red cap) | Up to 4 | Frozen | | |
| | EDTA (Lavender-Top) Blood Collection Tube (10 ml) | 3 | N/A | N/A | N/A | | |
| Whole blood for isolation of plasma & buffy coat (for DNA extraction) | PLASMA: 2.0 ml cryovials with lavender cap (residual volume placed in 2.0 ml cryovial with blue cap) | 10 | 1.5 ml plasma aliquot per 2.0 ml cryovial (lavender cap) | Up to 10 | Frozen | | |
| | BUFFY COAT: 2.0 ml cryovial | 3 | 1 ml buffy coat aliquot per 2.0 ml cryovial (clear cap) | 3 | Frozen | | |
| Whole blood for testing at the CLIA laboratory (*collected at BASELINE ONLY) | EDTA (Lavender-Top) Blood Collection tube (6ml) | 1 | N/A | 1 | Frozen | | |
| Whole blood for long read sequencing (*collected only once) | EDTA (Lavender-Top) Blood Collection tube (3ml) | 1 | 1 ml whole blood aliquot per 2.0 ml cryovial (green cap) | 3 | Frozen | | |
| Whole blood for RNA extraction | PAXgene [™] Blood Collection Tube (2.5 ml) | 1 | N/A | 1 | Frozen | | |
| Whole blood for PBMC | Sodium Heparin (Green-Top) Blood Collection tube (10 ml) | 2 | N/A | 2 | Ambient | | |
| CSF Collection (*not collected at 48-Month/Annual visit) | Sterile Container | Conical tubes, 15 cryovial tubes (13 orange cap, 1 blue cap, 1 yellow cap) | 1.5 ml CSF aliquots per 2.0 ml cryovial (orange cap); residual volume placed in 2.0 ml cryovial with blue cap; 1-2 ml for local lab placed in 2.0 ml cryovial with yellow cap. | Up to 14 | Frozen | | |

| Biofluids Collection Schedule for CN Participants | | | | | | |
|--|--|--|--|-------------------|---------|--|
| Sample Type | Tube Type | Number of Tubes Supplied in Kit | Aliquot Volume | Tubes to NCRAD | Ship | |
| | Plain Red-Top Serum Blood Collection Tube (10 ml) | 1 | N/A | N/A | N/A | |
| Whole blood for isolation of serum | SERUM: 2.0 ml cryovials with red cap (residual volume placed in 2.0 ml cryovial with blue cap) | 4 | 1.5 ml serum aliquot per 2.0 ml cryovial (red cap) | Up to 4 | Frozen | |
| | EDTA (Lavender-Top) Blood Collection Tube (10 ml) | 3 | N/A | N/A | N/A | |
| Whole blood for isolation of plasma & buffy coat (for DNA extraction) | PLASMA: 2.0 ml cryovials with lavender cap (residual volume placed in 2.0 ml cryovial with blue cap) | 10 | 1.5 ml plasma aliquot per 2.0 ml cryovial (lavender cap) | Up to 10 | Frozen | |
| | BUFFY COAT: 2.0 ml cryovial | 3 | 1 ml buffy coat aliquot per 2.0 ml cryovial (clear cap) | 3 | Frozen | |
| Whole blood for long read sequencing (*collected only once) | EDTA (Lavender-Top) Blood Collection tube (3ml) | 1 | 1 ml whole blood aliquot per 2.0 ml cryovial (green cap) | 3 | Frozen | |
| Whole blood for RNA extraction | PAXgene [™] Blood Collection Tube (2.5 ml) | 1 | N/A | 1 | Frozen | |
| Whole blood for PBMC | Sodium Heparin (Green-Top) Blood Collection tube (10 ml) | 2 | N/A | 2 | Ambient | |
| CSF Collection (*collected at BL and M24, may be collected at M12 if CSF was not collected at BL) | Sterile Containers (cryovial with yellow cap) | Conical tubes, 15 cryovial tubes (13 orange cap, 1 blue cap, 1 yellow cap) | 1.5 ml CSF aliquots per 2.0 ml cryovial (orange cap); residual volume placed in 2.0 ml cryovial with blue cap; 1-2 ml for local lab placed in 2.0 ml cryovial with yellow cap. | Up to 14 | Frozen | |

Kit Request Module

http://kits.iu.edu/leads



National Centralized Repository for Alzheimer's Disease and Related Dementias

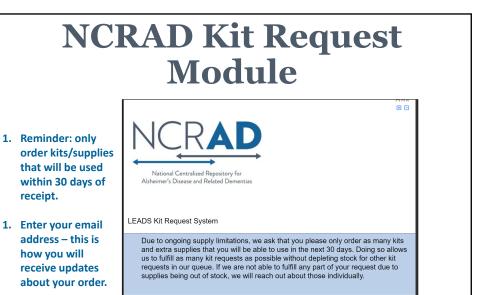
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Kit Request Module

- An initial stock of kits will be delivered prior to the designated site-specific start date.
- Kits and individual supplies are available to order:
 - CI Baseline Blood-Based Kit
 - CI Month 12, Month 24, Month 36, Month 48 Blood-Based Kits
 - CN Baseline, Month 12, Month 24 Blood-Based Kits
 - Long Read Sequencing Kit
 - Blood Supplemental Supply Kit
 - Frozen Blood Shipping Kit
 - Ambient Blood Shipping Kit
 - LEADS 22G LP Kit
 - LEADS 24G LP Kit
 - LEADS CSF Kit
 - CSF Supplemental Supply Kit
 - CSF Shipping Supply Kit



NCRAD

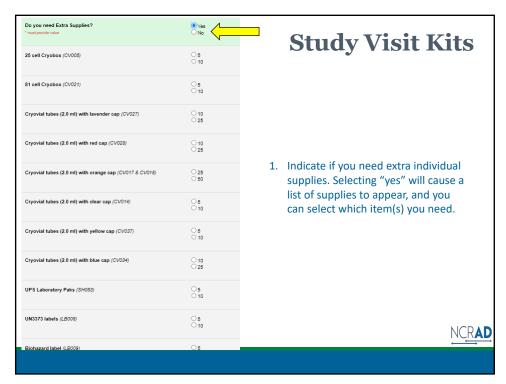


Please enter your email address here to receive a confirmation email after completing the survey:

C

Kit Request Module LEADS Site Northwestern University 1. Choose your site from the drop 067: Northwestern University down list. Cognitive Neurology and Alzhelmer's Disease Center (CNADC) Northwestern University Feinberg School of Medicine % Kristine Lipowski 302 East Superior Street, Searle 12-541 Chicago, IL 50611 Phone: 312-503-2486 k-lipowski@northwestern.edu 2. The coordinator name and contact information will Is the contact name above correct? appear. 3. Verify that this Is the shipping address above correct? information is ○ No accurate, correct if Is the e-mail address above correct? necessary. NCRAD

| CI Baseline Blood-Based Kit Qty | 1 | |
|---|---|--|
| CI M12 Blood-Based Kit Qty | | Study Visit Kits |
| CI M24 Blood-Based Kit Qty | | · · |
| CI M36 Blood-Based Kit Qty | | Indicate the quantity needed of each kit |
| CI M48 Blood-Based Kit Qty | | each kit |
| CI M60 Blood-Based Kit Qty | | Once selected, kit components of |
| CN Baseline Blood-Based Kit Qty | | the chosen kit will appear at the |
| CN M12 Blood-Based Kit Qty | | bottom of the screen (Pictured) |
| CN M24 Blood-Based Kit Qty | | Each <u>Cl (EGAD)</u> Baseline Blood-Based Kit Contains: IV site: Finale (17312 All other state: Finale 145.22 |
| Long Read Sequencing Blood-Based Kit Qty | | All coner price : Pales 194. 2.4 1 PA/spen ³⁴ Blood Cellection Tube (2.5 ml) - CT004 1 Paling Bed Too Serum (Red-Tool Blood Cellection Tube (10 ml) - CT005 |
| LEADS Blood Supplemental Supply Kit Qty (usually need 1 at start-up) | | 2 Sodum Hepain (Grean-Top) Blood Collector Tutle ((10m)) - 0"T008 3 EDTA (Lavender-Top) Blood Collector Tutle ((10m)) - 0"T001 1 EDTA (Lavender-Top) Blood Collector Tutle ((10m)) - 0"T001 1 EDTA (Lavender-Top) Blood Collector Tutle ((10m)) - 0"T001 2 EDTA (Lavender-Top) Blood Collector Tutle ((10m)) - 0"T001 3 EDTA (Lavender-Top) Blood Collector Tutle ((10m)) - 0"T001 3 EDTA ((10m)) - 0"T001 4 EDTA ((10m)) - 0"T001 4 EDTA ((10m)) - 0"T001 4 EDTA ((10m)) - 0"T001 5 EDTA ((10m)) - 0"T00 |
| LEADS <u>Large</u> Frozen Blood Shipping Supply Kit Qty (will fit samples from 5 subjects) | | 2 Cyroliat back 23 mly ME, EUE acc - UVSI4 3 Cyroliat back 23 mly ME, EUE acc - UVSI4 3 Cyroliat back 23 mly ME, EUE Acc - UVSI4 5 This form on the Company of the C |
| LEADS <u>Small</u> Frozen Blood Shipping Supply Kit Qty (will fit samples from 2 subjects) | | 1 Recealable bag - \$7002 Label 2 Repended Collection and Aliquot Tube Label (13 x PLASMA, 5 x SERUM, 2 x PBMC, 1 x RNA, 3 x BUFFY COAT, 6 1 4 Pendermod Of Number Label - 18003 |
| LEADS Ambient Shipping Supply Kit Qty (need 1 per subject) | | 10 Labels for handwritten Site and LEADS ID - LE003 |
| LEADS 22G LP Kit Qty | | |
| LEADS 24G LP Kit Qty | | |
| LEADS CSF Kit Qty (please provide arm and visit for each CSF kit in the "Comments" section) | | |
| LEADS CSF Supplemental Supply Kit Qty (usually need 1 at start- up) | | ### 1.5 to 1.5 t |
| LEADS CSF Shipping Supply Kit Qty (only needed when planning on shipping CSF separate from blood - rarely needed) | | 10 mg G across 10 mg |



Study Visit Kits



- The module automatically calculates the date in 3 weeks. This is when you can expect your kit to ship by.
- 2. Click Submit.



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Hints When Ordering Kits...

- For a visit where you will draw CSF, you will need an LP tray in addition to CSF kit.
- You will need 1 ambient shipping kit per blood kit.
- You will need 1 frozen shipping kit per every 4-5 subjects.
- Upon site start up, you should order 1 CSF Supplemental and Blood Supplemental kit.



NCRAD Kit Request Module: When It Must be Used

- Each site will be responsible for ordering kits (labels included) and maintaining supplies on site for scheduled participants.
- To order, sites will use the Indiana University online kit ordering module: https://kits.iu.edu/leads
- Allow a minimum of 3 weeks for your order to be processed and delivered.



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Specimen Labels



Label Type Summary

- 1. Kit Number Labels
- 2. Site and LEADS ID Labels
- 3. Collection and Aliquot Tube Labels
 - Differ by specimen type



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Kit Number Labels



Provided by NCRAD in the kits

- Used to track patient samples and provide quality assurance
- Will be placed on the following locations:
 - 1. Biological Sample and Shipment Notification Form
 - 2. Outside cryobox that houses aliquot tubes during storage and shipment
 - 3. CSF Sample and Shipment Notification Form (IF COLLECTED)
 - CSF samples will have a different kit number than the blood collection specimens



Site and LEADS ID Label

LDS:

- Subjects will be identified by their site ID and LEADS ID
- The LEADS ID may only be available shortly before the visit
- Sites will be responsible for handwriting this onto the provided labels
 - Must use fine point permanent marker



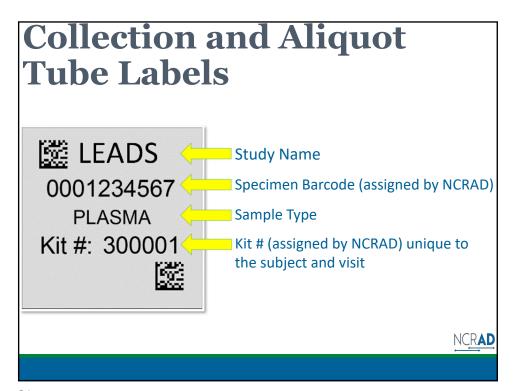
19

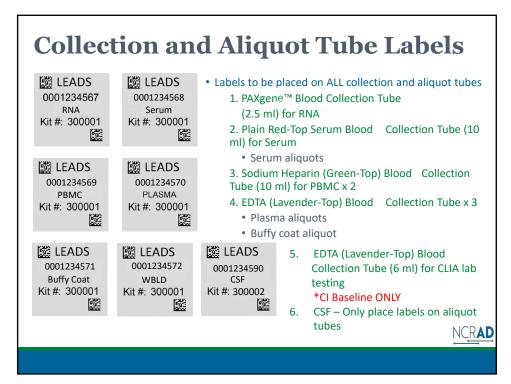
Site and LEADS ID Label Cont.

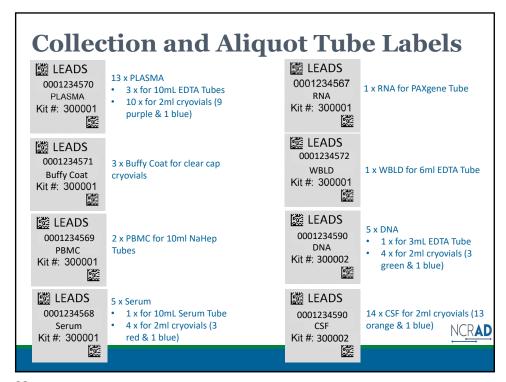
LDS:

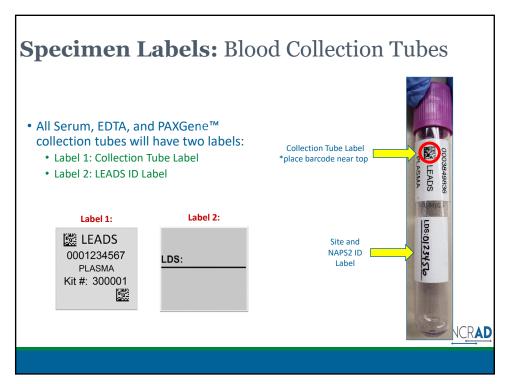
- Write information on label prior to adhering to tube
- Label will be placed on all collection tubes:
 - PAXgene™ Blood Collection Tube (2.5ml) for RNA
 - Plain Red Top Serum Blood Collection Tube (10ml) for Serum
 - Sodium Heparin (Green-Top) Blood Collection Tube (10ml) x 2
 - EDTA (Lavender-Top) Blood Collection Tube (10ml) for DNA and Plasma x 3
 - EDTA (Lavender-Top) Blood Collection Tube (ml) for CLIA lab testing **CI Baseline ONLY**
 - EDTA (Lavender-Top) Blood Collection Tube (3ml) for LRS**collected only once**
- Kits will include one extra label















Plain Red Top Serum Blood Collection Tube (10 ml



EDTA (Lavender-Top) Blood Collection Tube (10 ml) x 3



(Lavender-Top) Blood Collection Tube (6 ml)



EDTA (Lavender-Top) Blood Collection Tube



PAXgeneTM
Blood
Collection Tube
(2.5 ml)



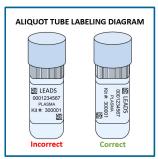
Sodium Heparin (Green Top) Blood Collection Tube (10 ml) x 2

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Specimen Labels: Aliquot Tubes





| Cap Color | Sample Type |
|--------------|---|
| Red Cap | Serum |
| Lavender Cap | Plasma |
| Clear Cap | Buffy Coat |
| Green Cap | Whole blood |
| Blue Cap | Residual (plasma, serum, whole blood or CSF) |
| Orange Cap | CSF |
| Yellow Cap | CSF for local lab |

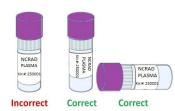
- Aliquot Tubes: 2ml cryovials
 - Serum, Plasma, Buffy Coat, Whole Blood, and CSF
- Collection and Aliquot tube label only
- Please place barcode near cap



Labeling Biologic Samples

Please...

- Label all collection and aliquot tubes <u>before</u> cooling, collecting, processing or freezing samples.
- Label only <u>1</u> subject's tubes at a time to avoid mix-ups.
- Wrap the label around the tube <u>horizontally</u>. Label position is important for <u>all</u> tube types.
- Make sure the label is completely adhered by rolling between your fingers.





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Handling/ Processing Study Specimens





Site Required Equipment

Blood Collection/Safety Equipment

- 1. Personal Protective Equipment (PPE)
 - Lab Coat, Safety Glasses
- 2. Tourniquet
- 3. Alcohol Prep Pad
- 4. Gauze Pad
- 5. Butterfly Needles
- 6. Bandage
- 7. Sharps Bin and Lid

Processing/Storage Equipment

- Centrifuge capable of ≥2000 rcf with refrigeration to 4°C
- 2. -80°C Freezer
- 3. Wet Ice Bucket



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Blood Draw Order

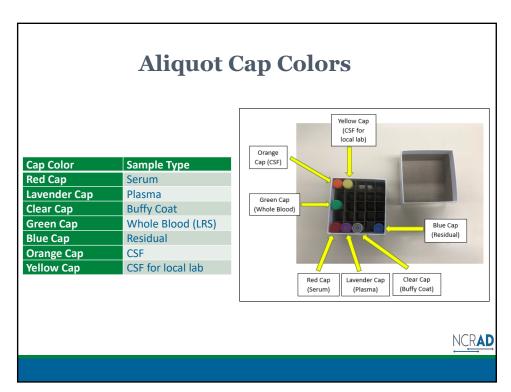
Important Note

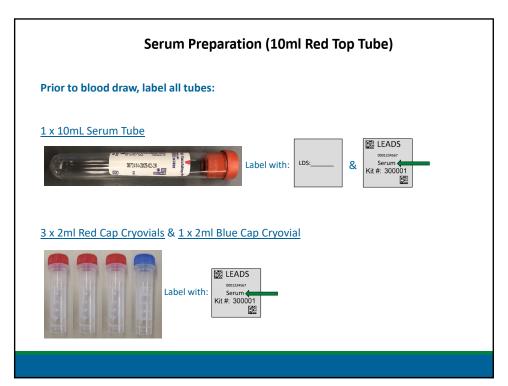
In order to ensure the highest quality samples are collected, processed, and stored, it is essential to follow the specific collection, processing, and shipment procedures detailed in the following pages. Collection of biomarkers and CSF should be collected after a minimum 6-hour fast, preferably in the morning. Please read the following instructions first before collecting any specimens. Have all your supplies and equipment out and prepared prior to drawing blood. Please note that the centrifuge may take 30 minutes to cool, so please plan accordingly. Draw blood in the following order:

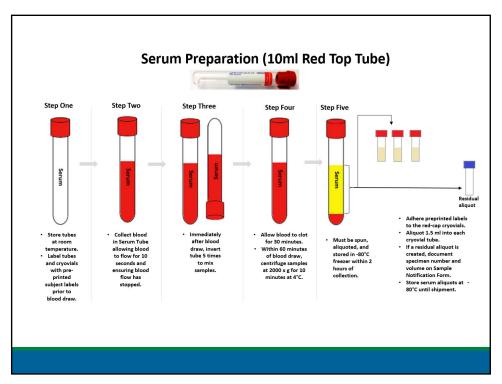
- 1. Plain Red Top Serum Blood Collection Tube (10 ml) for Serum
- 2. EDTA (Lavender-Top) Blood Collection Tube (10 ml) for DNA and Plasma x 3
- 3. EDTA (Lavender-Top) Blood Collection Tube (6 ml) for CLIA lab testing **CI Baseline ONLY**
- 4. EDTA (Lavender-Top) Blood Collection Tube (3 ml) for LRS **only collected once per participant**
- 5. PAXgene™ Blood Collection Tube (2.5 ml) for RNA
- 6. Sodium Heparin (Green-Top) Blood Collection Tube (10 ml) x 2

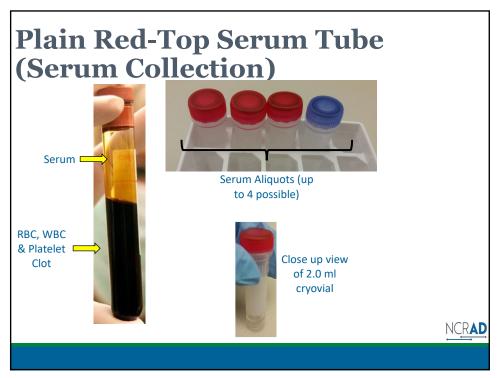


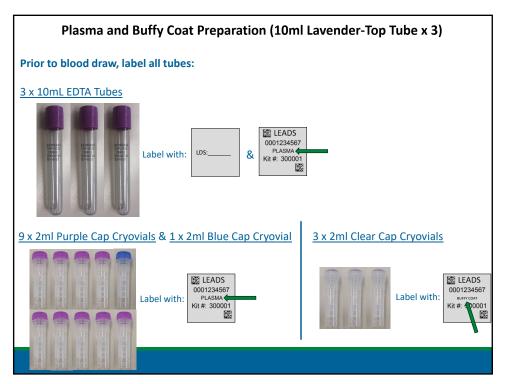
| Sample Collection - Blood | | | | | | |
|---------------------------|--|--|--|--|--|--|
| Number of Tubes Drawn | Tube Image | | | | | |
| x1 | And the second second second | | | | | |
| Х3 | Update Company | | | | | |
| x1 | | | | | | |
| X1 | The second territory of the se | | | | | |
| x1 | | | | | | |
| x2 | | | | | | |
| | Number of Tubes Drawn x1 X3 x1 X1 X1 | | | | | |

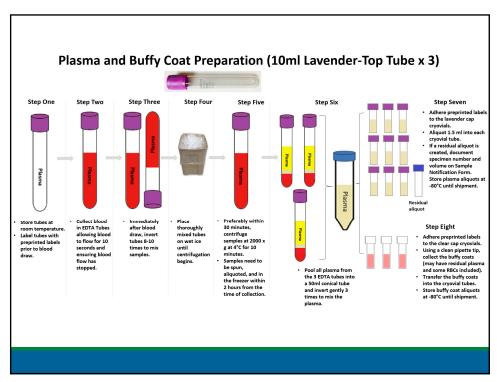


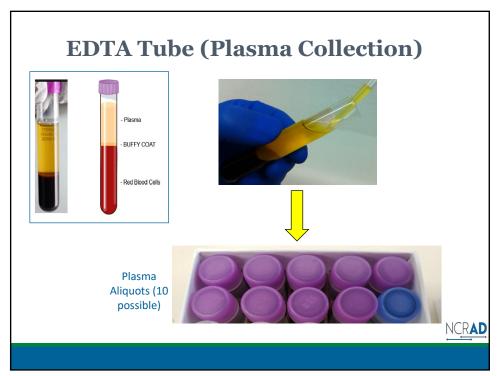


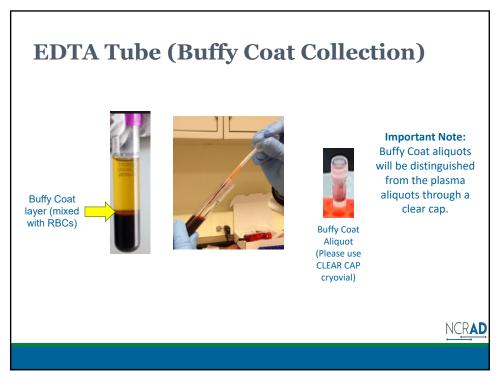


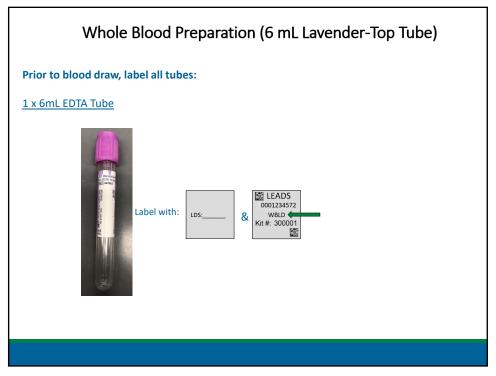


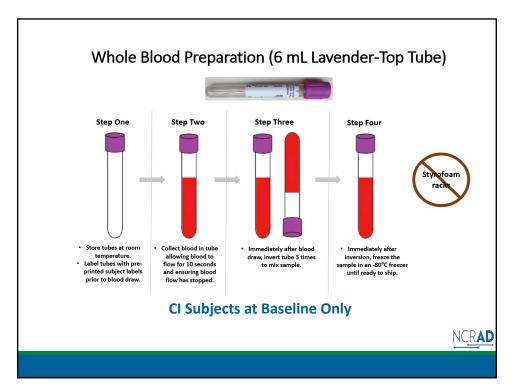


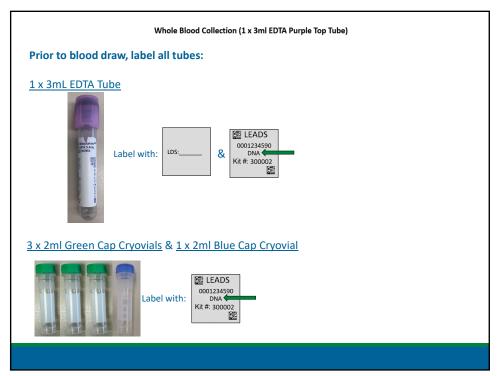


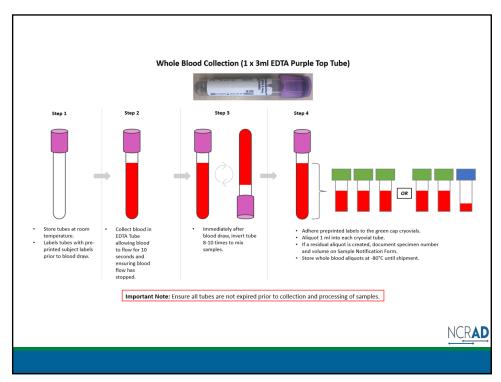


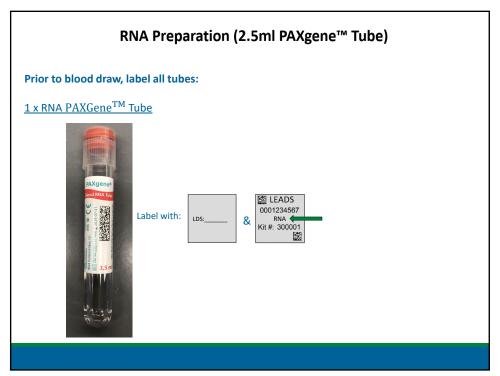


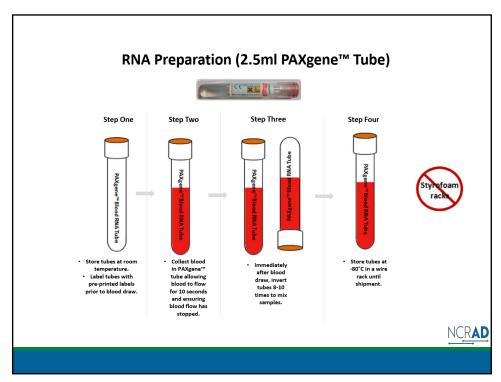


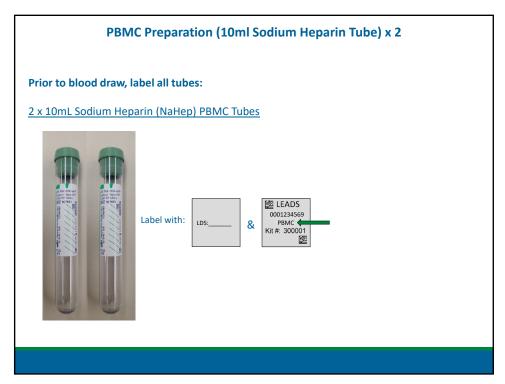


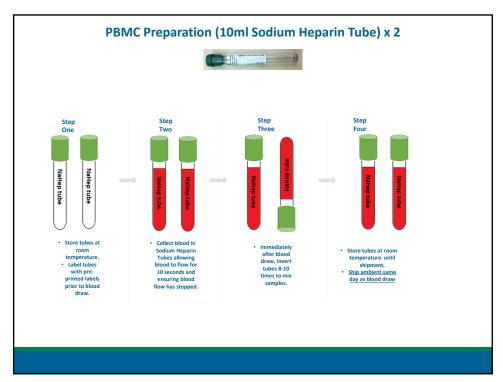






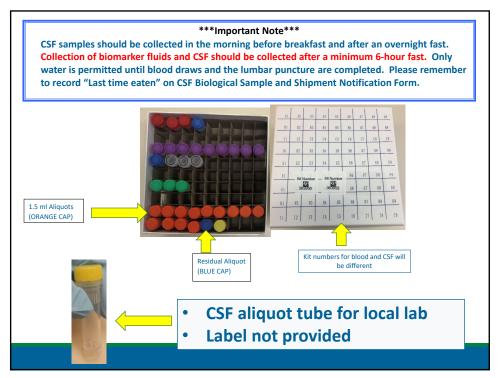


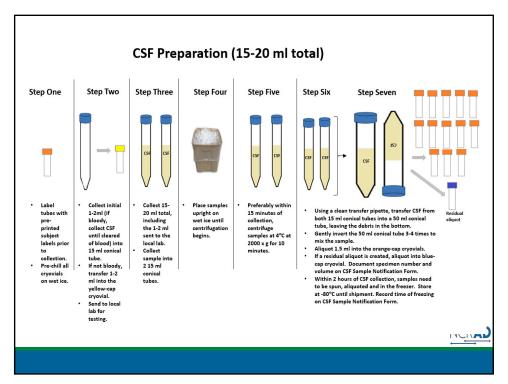




CSF Collection and Processing













| Sample Type | Processing/ Aliquoting | Tubes to NCRAD | Ship | Days to Shi | |
|---|--|-------------------|----------------------|----------------------|--|
| Whole blood for RNA extraction | N/A | 1 | Frozen | Monday- Wednesda | |
| Whole blood (Plain Red-Top Serum Tube) for isolation of serum | 1.5 ml serum aliquots per 2.0 ml cryovial (red cap) ; residual volume placed in 2.0 ml cryovial with blue cap | Up to 4 | Frozen | Monday- Wednesda | |
| Whole blood for PBMC | N/A | 2 | Ambient/ same day | Monday - Thursday | |
| Whole blood (Lavender-Top EDTA) for isolation of plasma | 1.5 ml plasma aliquots per 2.0 ml cryovial (lavender cap) ; residual volume placed in 2.0 ml cryovial with blue cap | Up to 10 | Frozen | Monday- Wednesda | |
| & buffy coat (for DNA extraction) | 1 ml buffy coat aliquot per 2.0 ml cryovial (clear cap) | 3 | Frozen | Monday- Wednesda | |
| Whole blood (Lavender-Top EDTA) for CLIA lab testing | N/A | 1 | Frozen | Monday- Wednesda | |
| CSF Collection | 1.5 ml CSF aliquots per 2.0 ml cryovial (orange cap); residual volume placed in 2.0 ml cryovial with blue cap; 1-2 ml for local lab placed in 2.0 ml cryovial with yellow cap. | Up to 14 | Frozen | Monday- Wednesda | |

Ambient Sample

- Sodium Heparin/PBMC
- Only Monday-Thursday collection and same day shipping. Plan ahead to schedule FedEx.
- Samples must be received at IU one day after collection.
- Do NOT draw or ship ambient samples on Friday
- Include copy of Biological Sample Shipment and Notification Form



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Ambient Sample Shipping







- Place refrigerant pack in the freezer 24 hours prior to shipment.
- Place filled and labeled Sodium Heparin tubes within the slots in the absorbent pad and place in biohazard bag.
- Place the kit number label on biohazard bag.
- Place the refrigerant pack into the cooler on top of the filled biohazard bag. Place lid on cooler.
- Place the cooler in the small IATA Shipping Box.
- Place an extra copy of the "Biological Sample and Shipment Notification Form" within the shipping box along with a list of contents form.
- Close shipping box and ensure labeled with UN3373 label.
- Place box within a provided FedEx ClinPak, seal, and place FedEx label of Package.

 Description:

 Outside of package.

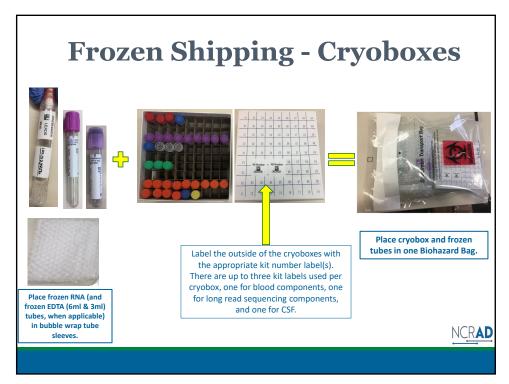
Frozen Sample Shipping

Ship Monday-Wednesday Only

- •RNA, Serum, Plasma, Buffy Coat, CSF, Whole Blood for CLIA*, and Whole Blood for LRS* (*when applicable)
- Hold packaged samples in a -80°C freezer until pickup.
- Batch Samples together
 - 5 Cryoboxes
 - Batch shipping should be performed every 3 months or as a full shipment of specimens accumulates, whichever is sooner.

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Frozen Shipping – Dry Ice Requirements



- Fully cover the cryoboxes with about 2 inches of dry ice in the provided shipper.
- Each Styrofoam shipper must contain about 45 lbs (20 kg) of dry ice.



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Frozen Shipping — Dry Ice Requirements Dry Ice label should not be covered with other stickers and must be completed or the shipping carrier will reject/return your package! Dry Ice For Diagnostic or Medical Purposes Only No Shipping Papers Required weight of dry ice in kg Contains 20.4 kg of Dry Ice

Shipping Frozen Samples

- Schedule FedEx
- Send Biological Sample and Shipment

 Notification Form to IU **ahead of shipment**
 - Email: alzstudy@iu.edu or
 - Fax: 317-321-2003



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Shipping Regulations and Training

PLEASE NOTE:

- All study personnel responsible for shipping should be certified in biospecimen shipping.
- It is the responsibility of each site to ensure that the appropriate training has been provided and conducted in regards to IATA shipping.

Please see following slides for resources.



Federal Regulations/Training

- Sites are responsible for ensuring proper training is obtained.
- Current federal and international regulations require anyone directly involved with
 the shipment of potentially infectious materials and other regulated biological
 materials (including biological specimens and cultures) be properly trained on
 pertinent shipping requirements.
 - International Air Transport Association (IATA) Training

| DGI Training Center 800-338-2291 DGItraining.com Provides IATA Certified Air Seminars and online courses | IATA Training Schools North America 1(514)390-6726 Europe, Africa & Middle East 41 (22) 799 2751 Asia, Australia & the Pacific 65 239 7232 www.iata.org Training schools located in 30 countries |
|--|--|
| Saf-T Pak Inc. <u>www.saftpak.com</u> Provides dangerous goods training via CD or on-site instruction for North America and Europe | Aiconsult Email: Airconsult@wanadoo.fr www.airconsult-bf.com |
| Bureau of Dangerous Goods LTD., TIANJIN Addr.: No.3 Yingshui road, Nankai district, Tianji Tel: 022-23495890 83326960 83326854 / Fax: 0 Email: cdmin@bdg-china.com.cn www.bdg-china.com.cn | |



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UN3373 Biological Substance, Category B Training

- Biological Substance, Category B are specimens being transported for "investigational purposes"
- Recommend: investigator sites document training of category B/dangerous goods
- We recommend establishing a record of your staff's training and date of instruction
- The training records must be made available upon request by the appropriate national authority
 - Additional information from the Department of Transportation (DOT) can be found on their website http://hazmat.dot.gov



Biological Sample and Shipment Notification Forms

- A copy of the sample form *must* be emailed or faxed to NCRAD prior to the date of sample arrival.
- Please include sample forms in all shipments of frozen and ambient samples.
- Email: alzstudy@iu.edu
- Fax: 317-321-2003



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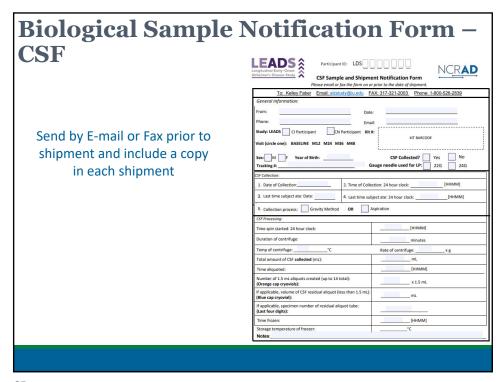
Biological Sample Notification FormBlood

LEADS & Biological Sample and Shipment Notification Form
Blood

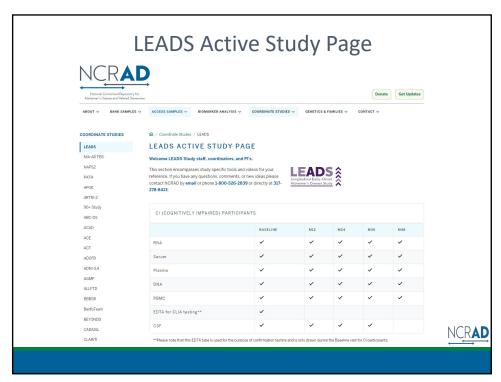
Send by E-mail or Fax prior to shipment and include a copy in each shipment.

You will need to scan and print a second hard copy so that you can include the sample form in both the ambient and frozen shipments.

| Longitudinal Early-Orest & Biological Sa | | ipment Notification Form | NCRAD ASSESSION OF THE PROPERTY OF THE PROPERT |
|---|--|--|---|
| To: Kelley Faber | er fax the form on Email: alzstudy@ | or prior to the date of shipment Diu.edu Phone: 1-800-5 | 26-2839 |
| eneral Information: | | Kit #: | |
| | | 1 | |
| rom: | | 1 | |
| hone: | _ | | |
| mail: | | KIT BARCODE | |
| ate: | | 1 | |
| tudy: LEADS: CI Participant CN F | Participant | Kit # (Only if 3ml EDTA tube used): | |
| isit (circle one): BASELINE M12 M24 M3 | 6 M48 M60 | : | |
| ex: □M □E | | | |
| | | i | |
| ear of Birth: | | KIT BARCODE | |
| racking #: | | 1 | |
| lood Collection: | | L | |
| Date Drawn (MM/DD/YYYY): | | 2. Time of Drawn (24 hour clock): | [HHMM] |
| Last time subject ate (MM/DD/YYYY): | | 4. Last time subject at (24 hour clock): | [HHMM] |
| | | 4. Cast time subject at (24 now clock). | [1111111] |
| lood Processing: | | | |
| RNA (PAXgene Tube) | | Plasma & Buffy Coat (Lavender Top 1 | |
| Total Volume of blood drawn (1 x 2.5 mL PAXgene | mL | Time spin started (24 hour clock): | (HHM) |
| RNA tube): | | Duration of centrifuge: | minutes |
| Time PAXgene RNA tube placed in freezer (24 | [HHMMI] | Temp of centrifuge: | |
| hour clock(): | | Rate of centrifuge: | |
| Storage temperature of freezer: | *c | Original volume drawn (3x30 mt. EDTA tubes): | |
| Serum (Red Top Tube) | | | |
| Time spin started (24 hour clock): | | EDTA #1:mL EDTA #2:mL ED | |
| Duration of centrifuge: | | Time aliquoted: | (HHMM |
| Temp of centrifuge: | | Number of 1.5 mL plasma aliquots created: | |
| Rate of centrifuge: | | If applicable, volume of residual plasma | mL |
| Original volume drawn (1x10 mt. Serum tube): | | aliquot (less than 1.5 mt-blue cap): | |
| Time aliquoted: | [HHMM] | If applicable, specimen number of residual | |
| | | plasma aliquot (Last four digits): | |
| Number of 1.5 mL serum aliquots created: | | Time aliquots placed in freezer (24 hour clock): | (HHMM |
| If applicable, volume of residual serum aliquot | | Storage temperature of freezer: | |
| (less than 1.5 mt-Blue cap): | mL | Buffy coat aliquot #1 (last four digits): | |
| If applicable, specimen number of residual | | Buffy coat volume #1: | mL |
| serum aliquot (Last four digits): | | Buffy coat aliquot #2 (last four digits): | |
| Time aliquots placed in freezer (24 hour clock): | | Buffy coat volume #2: | mL |
| Storage temperature of freezer: | | Buffy coat aliquot #3 (last four digits): | |
| EDTA (Lavender Top Tube – 3r | | Buffy coat volume #3: | ml |
| | | Buffy coat aliquot #4 (ast four digits): | |
| Original volume drawn (1x3mL EDTA tube): Time allouoted: | | Buffy coat volume #4: PBMC (NaHep Green Top To | mi |
| | (HHMM) | | |
| Whole blood aliquot #1 (last four digits): Whole blood volume #1: | mL | Original volume drawn (2x10mL PBMC tube): EDTA (Lavender Top Tube — | 5-11 |
| Whole blood aliquot #2 (last four digits): | mL | 6mL EDTA tube for CLIA testing collected? | omL) □ Yes □ No |
| | | | |
| Whole blood volume #2: | mL | Original volume drawn (1x6mL EDTA tube): | |
| Whole blood aliquot #3 (last four digits): | | Notes: | |
| Whole blood volume #3: | mL | | |
| Whole blood aliquot #4 (last four digits): | | | |
| Whole blood volume #4: | mL | I | |







Contact Information

• Questions?

Please contact NCRAD Coordinators at:

- Phone: 1-800-526-2839 or 317-278-1133
- E-mail: <u>alzstudy@iu.edu</u> or <u>agericks@iu.edu</u>
- Website: www.ncrad.org

