User Manual: Human Biospecimens/ Biorepositories Database Database Search

# **Table of Contents**

Overview	3
Search by Repository	4
Search by Disease	6
Search by Anatomic Source	9
Search by Specimen Type, Processing Method, Storage Method, and Imaging	11
Quick Database Search	16
Search Results	18
Search Results Details	19

# Overview

The Biospecimens/Biorepositories Web site Rare Disease-HUB (RD-HUB) of the Office of Rare Diseases Research (ORDR) consists of a publicly accessible, searchable, Web-based database (inventory) of biorepositories and their collections of samples. This database facilitates global sharing of material and data among investigators to facilitate research leading to treatments and cures for rare diseases, as well as more common diseases, by improving researchers' access to needed human biospecimens. The goal of RD-HUB is to serve the global research community, the patients and the patient advocacy groups and the large community as well. In addition to assisting the researchers locate specimens, the scope of the RD-HUB includes providing links to best practices for specimen collection, handling, and processing; models and templates for informed consent, and ethical and legal guidelines for handling human subject material for research and treatment; as well as links to related articles and protocols and other useful information.

The database contains seven tabs: (1) Repository, (2) Disease, (3) Specimen Type, (4) Anatomic Source, (5) Processing Method, (6) Storage Method, and (7) Imaging.

When searching the database, you can conduct a general search to obtain a list of all the specimens in our database or a list of particular specimens. To locate specific specimens, select items from the tabs to refine your search. To obtain a comprehensive list, do not select or unselect any checkboxes and click "Search" (located above the "Your Search Selection" textbox). In this user manual, we provide detailed instructions about conducting a search for and locating biospecimens using the seven criteria listed above.

# Search by Repository

a. *Repository* is the tab that allows users to search for biospecimens based on repository name (see Figure 1).

Grayed out letters indicate that no repositories whose names start with that letter have contributed to the RD-HUB Database yet. Grayed out repository names indicate that those repositories have not contributed to the RD-HUB yet.

b. The default setting for the *Repository* tab is "Search All." The "Search All" feature allows you to obtain a list of all the repositories that have uploaded biospecimen data.

To conduct a search by a specific repository, uncheck the "Search All" checkbox and perform any of the three methods below:

- 1. Type the name of the repository in the auto-fill textbox, select the repository name from the dropdown list of repositories, and click the "Go" button. Please note that this option does not allow you to select multiple repositories or to search by any other criterion.
- 2. Use the scrollbar to locate the repository or repositories of interest and select the checkbox(es) next to the repository or repositories for which you wish to obtain biospecimens data. If desired, select additional search criteria from the other tabs. Click the "Search" button (located above the "Your Search Selection" textbox) when you have selected all your search criteria and are ready to execute your search.
- 3. Click the letter of the alphabet with which the name of your repository of interest begins, locate the repository or repositories of interest, and select the checkbox(es) next to the repository or repositories for which you wish to obtain biospecimens data. If desired, select additional search criteria from the other tabs. Click the "Search" button (located above the "Your Search Selection" textbox) when you have selected all your search criteria and are ready to execute your search.

c. As you make selections, the "Your Search Selections" box dynamically refreshes with the choices made. If you would like to clear your search selections, click the "Clear All" button (located above the "Your Search Selection" textbox).

d. Click "Search." For more information on search results and refining your search results, please refer to page 18 of this user manual.

## Figure 1. Screenshot of RD-HUB Repository tab

Office of Rare Diseases Research National Institutes of Health	BIOSPECIMENS/BIOREPO Rare Disease-HU	SITORIES: JB (RD-HUB)
	QUICK DATABASE SEARCH	GO
+ Home		
<ul> <li>Enter Biorepository Data</li> <li>Search the Database</li> <li>Contributing Biorepositories</li> <li>Other Related Resources</li> <li>News and Publications</li> <li>Events</li> </ul>	Search the Human Biospecimens/Biorepositor Select items from each tab below to refine your search. For detailed instructions about searching the User Manual-Database Search. Please note: <u>Rare diseases</u> are labeled with an asterisk (*) and are linked to disease-specific information Genetic and Rare Diseases Information Center (GARD). Non-contributing biorepositories and biospec grayed out or unselectable.	database, please refer to the tion Web pages created by the cimens not yet available are
+ Frequently Asked Questions	Direase Specimen Panagitany Anatomic Processing Storage Tempoing	CETADOL CLEAD ALL
+ User Manual	Type Type Source Method Method	SEARCH CLEAR ALL
	Grayed-out letters indicate no whose name starts with that le uploaded biospecimens to the ABCDEFGHIJKLMNOPQRSTUYWXYZ	repositories - tter have database. Search All
FOLLOW US ON	Search All	Normal- Search All
	ADA Cell Repository Maturity Onset Diabetes Collection     AIDS and Cancer Specimen Resource	Specimen Type- Search All
Grayed-out text indicates no l have been uploaded by that re	biospecimens enository.	Search All Processing Method-
	<ul> <li>Appers Neuropathology Laboratory, Thomas Jefferson University, Department of Neurology</li> <li>Alzheimer Resource Center</li> <li>Alzheimer's Disease Brain Tissue Bank, Brigham &amp; Women's Hospital, Center for Neurologic Diseases</li> </ul>	Search All Storage Method- Search All Imaging- Search All
	Alzheimer's Disease Center: University of Alabama at Birr Alzheimer's Disease Center: University of Arkansas for M Alzheimer's Disease Center: University of Arkansas for M	box allows users hey have chosen.

# Search by Disease

a. The *Disease* tab is the default tab that displays when first navigating to RD-HUB, which allows users to locate biospecimens from individuals who either have a **disease** (see "All Diseases") or are **normal** (see "Normal") (see Figure 2).

**Disease** = specimens showing evidence of disease as reviewed by H & E staining, molecular analysis, genetic analysis, phenotypically affected donor, or other methods

**Normal** = specimens showing **<u>no evidence of disease</u>** as reviewed by H & E staining, molecular analysis, genetic analysis, phenotypically unaffected donor, or other methods

The "All Diseases" section is divided into two sections under the #...Z pages: (1) Diseases with Specimens and (2) Diseases without Specimens. Only those diseases for which we have specimens will be searchable and will appear under the "Diseases with Specimens." When a specimen is added for a disease that was included in the "Diseases without Specimens" section, the disease will become searchable and be moved from the "Diseases without Specimens" to the "Diseases with Specimens" section.

*Please note:* "OMIM Number" is grayed out because the database is currently not searchable by this field.

b. The default setting for the *Disease* tab is "Search All." The "Search All" feature allows you to obtain a list of all the diseases for which biospecimens data have been uploaded.

To conduct a search by a specific disease, uncheck the "Search All" checkbox and perform any of the three methods below:

- 1. Type the name of the disease in the auto-fill textbox, select the disease of interest from the dropdown list of diseases, and click the "Go" button. Please note that this option does not allow you to select multiple diseases or to search by any other criterion.
- 2. Use the scrollbar to locate the disease(s) of interest and select the checkbox(es) next to the disease(s) for which you wish to obtain biospecimens data. If desired, select additional search criteria from the other tabs. Click the "Search" button (located above the "Your Search Selection" textbox) when you have selected all your search criteria and are ready to execute your search.
- 3. Click the letter of the alphabet with which the name of your disease of interest begins, locate the disease(s) of interest, and select the checkbox(es) next to the disease(s) for which you wish to obtain biospecimens data. If desired, select additional search criteria from the other tabs. Click the "Search" button (located above the "Your Search Selection" textbox) when you have selected all your search criteria and are ready to execute your search.

*Please note:* Grayed out checkboxes are not selectable and indicate that no biospecimens exist in RD-HUB for the selected disease.

c. An asterisk (\*) next to a disease name indicates that the disease is rare. A rare disease is defined as a disease that affects fewer than 200,000 individuals in the United States.

- d. Diseases with an embedded hyperlink have a Web page on the Office of Rare Diseases Research (ORDR) Web site that provides information and supportive resources. To view the Web page on the ORDR Web site, click the hyperlinked disease of interest.
- e. To locate a biospecimen from a normal specimen, click on "Normal" (see Figure 3).

Please note:

- "Yes" indicates the specimen shows no evidence of disease as reviewed by H & E staining, molecular analysis, genetic analysis, phenotypically unaffected donor, or other methods
- "Unknown" indicates it is not known whether the specimen shows evidence of disease as reviewed by H & E staining, molecular analysis, genetic analysis, phenotypically unaffected donor, or other methods
- f. As you make selections, the "Your Search Selections" box dynamically refreshes with the choices made. If you would like to clear your search selections, click the "Clear All" button (located above the "Your Search Selection" textbox).
- g. Click "Search". For more information on search results and refining your search results, please refer to page 18 of this user manual. If no match is found, you are provided the option to refine your search or conduct a new search (see Figure 11) on page 17.

Figure 2. Screenshot of RD-HUB Disease tab

Office of Rare Diseases Research National Institutes of Health	BIOSPECIMENS/BIOREPO Rare Disease-H	SITORIES: UB (RD-HUB)
	QUICK DATABASE SEARCH	GO
<ul> <li>Home</li> <li>Enter Biorepository Data</li> <li>Search the Database</li> <li>Contributing Biorepositories</li> <li>Other Related Resources</li> <li>News and Publications</li> <li>Events</li> </ul>	Select items from each tab below to refine your search. For detailed instructions about searching th User Manual-Database Search. Please note: <u>Rare diseases</u> are labeled with an asterisk (*) and are linked to disease-specific inform Genetic and Rare Diseases Information Center (GARD). Non-contributing biorepositories and biosp grayed out or unselectable.	ries Database ne database, please refer to the mation Web pages created by the pecimens not yet available are
<ul> <li>→ Frequently Asked Questions</li> <li>→ User Manual</li> </ul>	Repository Disease Specimen Anatomic Processing Storage Imaging Type Source Method Method	SEARCH CLEAR ALL
FOLLOW US ON	All Diseases   Normal Or: OMIM Number GO # A B C D E F G H I J K L M N O P Q R S T U Y W X Y Z Diseases with specimens Search All 10g partial trisomy* 10g partial trisomy* 115g13.3 microdeletion syndrome* 115g13.3 microdeletion syndrome* 117-@BETA HYDROXYSTEROID DEHYDROGENASE III DEFICIENCY 117-alpha-hydroxylase deficiency* Asterisk (*) indicatos a rate	Your Search Selection Repository- Search All Disease- Search All Normal- Search All Site Search All natomic Source- Search All Processing Method- Search All Storage Method- Search All
	✓ 17-beta hydroxysteroid dehydrogenase 3 deficiency*         ✓ 17q21.31 microdeletion syndrome*         ✓ 18p- syndrome*	e disease )- Search All

## Figure 3. Screenshot of RD-HUB Normal

Office of Rare Diseases Research National Institutes of Health	BIOSPECIMENS/BIOREPO Rare Disease-HU	SITORIES: JB (RD-HUB)
	QUICK DATABASE SEARCH	GO
Home     Enter Biorepository Data     Search the Database     Contributing Biorepositories     Other Related Resources     News and Publications     Events	Select items from each tab below to refine your search. For detailed instructions about searching the User Manual-Database Search. Please note: <u>Rare diseases</u> are labeled with an asterisk (*) and are linked to disease-specific information Genetic and Rare Diseases Information Center (GARD). Non-contributing biorepositories and biospective grayed out or unselectable.	ies Database database, please refer to the ation Web pages created by the scimens not yet available are
Frequently Asked Questions     User Manual	Repository Disease Specimen Anatomic Processing Storage Imaging Type Source Method Method	SEARCH CLEAR ALL
FOLLOW US ON	All Diseases   Normal Or: OMIM Number GO Search All Yes Unknown	Your Search Selection Repository- Search All Disease- Search All Normal- Search All Specimen Type- Search All Anatomic Source- Search All Processing Method- Search All Storage Method- Search All Imaging- Search All

# Search by Anatomic Source

- a. The *Anatomic Source* tab allows users to locate biospecimens by the anatomical location from which the biospecimen was taken (see Figure 4).
- b. The default setting for the *Anatomic Source* tab is "Search All." The "Search All" feature allows users to perform a search and obtain a list of all the anatomic sources for which biospecimen data have been uploaded.

To conduct a search by a specific anatomic location, uncheck the "Search All" checkbox and perform any of the three methods below:

- 1. Type the name of the specific anatomic source in the auto-fill textbox, select the anatomic source of interest from the drop-down list, and click the "Go" button. Please note that this option does not allow you to select multiple anatomic sources or to search by any other criterion.
- 2. Use the scrollbar to locate the anatomic source(s) of interest and select the checkbox(es) next to the anatomic source(s) for which you wish to obtain biospecimens data. If desired, select additional search criteria from the other tabs. Click the "Search" button (located above the "Your Search Selection" textbox) when you have selected all your search criteria and are ready to execute your search.
- 3. Click the letter of the alphabet with which the name of your anatomic source of interest begins, locate the anatomic source of interest, and select the checkbox(es) next to the anatomic source for which you wish to obtain biospecimens data. If desired, select additional search criteria from the other tabs. Click the "Search" button (located above the "Your Search Selection" textbox) when you have selected all your search criteria and are ready to execute your search.

*Please note*: Grayed out letters indicate that no biospecimens exist in RD-HUB for the anatomic sources whose names start with that letter. Grayed out anatomic sources indicate that no biospecimens have been uploaded to RD-HUB for that disease.

- c. As you make selections, the "Your Search Selections" box dynamically refreshes with the choices made. If you would like to clear your search selections, click the "Clear All" button (located above the "Your Search Selection" textbox).
- d. Click "Search". For more information on search results and refining your search results, please refer to page 18 of this user manual. If no match is found, you are provided the option to refine your search or conduct a new search (see Figure 11) on page 17.

## Figure 4. Screenshot of RD-HUB Anatomic Source tab

Office of Rare Diseases Research National Institutes of Health	BIOSPECIMENS/BIOREPO Rare Disease-H	SITORIES: UB (RD-HUB)
	QUICK DATABASE SEARCH	GO
+ Home		
+ Enter Biorepository Data	Search the Human Biospecimens/Bioreposito	ries Database
Search the Database		neo Databaco
+ Contributing Biorepositories	Select items from each tab below to refine your search. For detailed instructions about searching the User Manual-Database Search	he database, please refer to the
+ Other Related Resources		
News and Publications	Please note: <u>Rare diseases</u> are labeled with an asterisk (*) and are linked to disease-specific inform Genetic and Rare Diseases Information Center (GARD). Non-contributing biorenositories and bios	nation Web pages created by the
+ Events	grayed out or unselectable.	
+ Frequently Asked Questions		
→ User Manual	Repository Disease Specimen Anatomic Processing Storage Imaging Type Source Method Method	SEARCH CLEAR ALL
FOLLOW US ON	<ul> <li>GO</li> <li>ABCDEFGHIJKLMNOPQRSTUVWXYZ</li> <li>✓ Adipose Tissue</li> <li>✓ Adrenal Gland</li> <li>✓ Adrenal Gland</li> <li>✓ Anniotic Fluid</li> <li>✓ Anus</li> <li>✓ Aorta</li> <li>✓ Appendix</li> <li>✓ Arm</li> <li>✓ Artery</li> <li>✓ Basal Ganglia</li> </ul>	Your Search Selection Repository- Search All Disease- Search All Normal- Search All Specimen Type- Search All Anatomic Source- Search All Processing Method- Search All Storage Method- Search All Imaging- Search All
	☑ Bile Duct	

# Search by Specimen Type, Processing Method, Storage Method, and Imaging

a. The default setting for the *Specimen Type*, *Processing Method*, *Storage Method*, and *Imaging* tabs is "Search All."

To conduct a search by a specific option, uncheck the "Search All" checkbox and select the checkbox next to the specific selection(s) of interest (see Figures 5, 6, 7, 8).

*Please note:* Grayed out letters indicate that no biospecimens exist in the RD-HUB for the specimen type, processing method, storage method, or imaging option(s) whose names start with that letter. Grayed out options under a given letter indicate that no biospecimens have been uploaded to the RD-HUB for that option.

- b. As you make selections, the "Your Search Selections" box dynamically refreshes with the choices made. If you would like to clear your search selections, click the "Clear All" button (located above the "Your Search Selection" textbox).
- c. Click "Search". For more information on search results and refining your search results, please refer to page 18 of this user manual. If no match is found, you are provided the option to refine your search or conduct a new search (see Figure 11) on page 17.

## Figure 5. Screenshot of RD-HUB Specimen Type tab

Office of Rare Diseases Research National Institutes of Health	BIOSPECIMENS/BIOREPO Rare Disease-H	SITORIES: UB (RD-HUB)
	QUICK DATABASE SEARCH	GO
+ Home		
+ Enter Biorepository Data	Search the Human Biospecimens/Biorepositor	ries Database
Search the Database		loo Databaoo
+ Contributing Biorepositories	Select items from each tab below to refine your search. For detailed instructions about searching the	e database, please refer to the
+ Other Related Resources		
+ News and Publications	Please note: <u>Rare diseases</u> are labeled with an asterisk (*) and are linked to disease-specific inform Genetic and Rare Diseases Information Center (GARD). Non-contributing biorepositories and biosp	ation Web pages created by the
+ Events	grayed out or unselectable.	
+ Frequently Asked Questions		
+ User Manual	Repository Disease Specimen Anatomic Processing Storage Imaging Type Source Method Method	SEARCH CLEAR ALL
FOLLOW US ON	<ul> <li>Search All</li> <li>Bile</li> <li>Body fluid</li> <li>Bronchoalveolar Lavage Fluid</li> <li>Buffy Coat</li> <li>Cell</li> <li>Cytoplasmic RNA</li> <li>DNA</li> <li>Feces</li> <li>Hair</li> <li>Lavage</li> <li>White Blood Cells</li> <li>Metastatic Malignant Neoplasm</li> <li>Milk, Human</li> </ul>	Your Search Selection Repository- Search All Disease- Search All Normal- Search All Specimen Type- Search All Anatomic Source- Search All Processing Method- Search All Storage Method- Search All Imaging- Search All

## Figure 6. Screenshot of RD-HUB Processing Method tab

Office of Rare Diseases Research National Institutes of Health	BIOSPECIMENS/BIOREPO Rare Disease-H	SITORIES: UB (RD-HUB)
	QUICK DATABASE SEARCH	GO
+ Home		
Enter Biorepository Data	Search the Human Biospecimens/Biorepositor	ries Database
+ Search the Database	Courter the Human Dicopconnertor Dicropositor	
+ Contributing Biorepositories	Select items from each tab below to refine your search. For detailed instructions about searching the	e database, please refer to the
Other Related Resources	User waltur Database Gearch.	
<ul> <li>News and Publications</li> </ul>	Please note: <u>Rare diseases</u> are labeled with an asterisk (*) and are linked to disease-specific inform	nation Web pages created by the
+ Events	grayed out or unselectable.	ecimens not yet available are
+ Frequently Asked Questions		
→ User Manual	Repository Disease Specimen Anatomic Processing Storage Imaging Type Source Method Method	SEARCH CLEAR ALL
FOLLOW US ON	<ul> <li>Search All</li> <li>Cell culture</li> <li>Cell line</li> <li>Citrate</li> <li>Dried specimen</li> <li>Edetic acid</li> <li>Ethanol</li> <li>Fixed Specimen</li> <li>Formalin-fixed paraffin-embedded</li> <li>Fresh Specimen</li> <li>Frozen Specimen</li> <li>Frozen Specimen</li> <li>Heparin</li> <li>Microdissection</li> </ul>	Your Search Selection Repository- Search All Disease- Search All Normal- Search All Specimen Type- Search All Anatomic Source- Search All Processing Method- Search All Storage Method- Search All Imaging- Search All

## Figure 7. Screenshot of RD-HUB Storage Method tab

Office of Rare Diseases Research National Institutes of Health	BIOSPECIMENS/BIOREPO Rare Disease-HU	SITORIES: JB (RD-HUB)
	QUICK DATABASE SEARCH	GO
Home     Enter Biorepository Data     Search the Database     Contributing Biorepositories	Search the Human Biospecimens/Biorepositor Select items from each tab below to refine your search. For detailed instructions about searching the User Manual-Database Search.	ies Database database, please refer to the
Other Related Resources     News and Publications     Events	Please note: <u>Rare diseases</u> are labeled with an asterisk (*) and are linked to disease-specific informa Genetic and Rare Diseases Information Center (GARD). Non-contributing biorepositories and biospe grayed out or unselectable.	ation Web pages created by the crimens not yet available are
Frequently Asked Questions     User Manual	Repository Disease Specimen Anatomic Processing Storage Imaging Type Source Method Method	SEARCH CLEAR ALL
FOLLOW US ON	<ul> <li>Search All</li> <li>-20 Degrees Celsius Freezer</li> <li>-80 Degrees Celsius Freezer</li> <li>Frozen in Liquid Nitrogen</li> <li>Liquid Nitrogen Vapor</li> <li>None</li> <li>Other</li> <li>Refrigerated (4 Degrees Celsius)</li> <li>Room Temperature</li> <li>Unknown</li> </ul>	Your Search Selection Repository- Search All Disease- Search All Normal- Search All Specimen Type- Search All Anatomic Source- Search All Processing Method- Search All Storage Method- Search All Imaging- Search All

## Figure 8. Screenshot of RD-HUB Imaging tab

Office of Rare Diseases Research National Institutes of Health	BIOSPECIMENS/BIOREPOSITORIES: Rare Disease-HUB (RD-HUB)							
			Q	UICK DATABAS	SE SEARCH			GO
+ Home								
Enter Biorepository Data	Search the	Human	Biospe	cimens	/Biore	positor	ries Dat	abase
+ Search the Database	Colord Harris Gam analytic	h h . l						
+ Contributing Biorepositories	User Manual-Database S	earch.	your search. F	or detailed instru	uctions abou	t searching the	e database, plea	se refer to the
+ Other Related Resources								
News and Publications	Genetic and Rare Diseas	es are labeled with the second	ith an asterisk ( enter (GARD).	*) and are linked Non-contributing	to disease-	specific inform	ecimens not yet	s created by the available are
+ Events	grayed out or unselectabl	le.						
+ Frequently Asked Questions		Specimen	Anatomic	Processing	Storage	- and a state		
+ User Manual	Repository Disease	Туре	Source	Method	Method	Imaging	SEARCH	CLEAR ALL
FOLLOW US ON	<ul> <li>✓ Search All</li> <li>✓ Histopathology/di</li> <li>✓ MRI</li> <li>✓ Not applicable</li> <li>✓ Other</li> <li>✓ PET/CT</li> <li>✓ Photo</li> <li>✓ X-Ray</li> </ul>	igital microscopy					Your Sear Repository- Search All Disease- Search All Normal- Search All Specimen T Search All Processing I Search All Storage Met Search All Imaging- Search All	ch Selection ype- ource- Method- thod-

# **Quick Database Search**

- a. The *Quick Database Search* textbox (located on the upper right-hand side of the Web site) allows users to perform a keyword search of RD-HUB (see Figure 9).
- b. Users can enter a keyword, disease, or repository name.
- c. Once a keyword has been entered, either a list of your search results (see Figure 10) or a message stating that no match was found will display. If no match is found, the user is provided the option to refine the search or conduct a new search (see Figure 11).
- d. Click "Go." For more information on search results and refining your search results, please refer to page 18 of this user manual. If no match is found, the user is provided the option to refine the search or conduct a new search (see below Figure 11).

Figure 9. Screenshot of sample search of Quick Database Search Textbox

Office of Rare Diseases Research National Institutes of Health	BIOSPECIMENS/BIOREPOSITORIES: Rare Disease-HUB (RD-HUB)
	QUICK DATABASE SEARCH cancer
+ Home	
+ Enter Biorepository Data	Overview
<ul> <li>Search the Database</li> </ul>	Welcome to the Biographimana/Biographicitarian Website: Para Disease ULID (PD ULID) of the Office of Para Diseases Desearch
+ Contributing Biorepositories	(ORDR). This Website contains a searchable database of biospecimens collected, stored, and distributed by biorepositories in the
+ Other Related Resources	United States and around the globe.
+ News and Publications	Goals
+ Events	1. To help and assist interested parties and investigators search, locate, and identify desired biospecimens needed for their research
+ Frequently Asked Questions	2. To facilitate collaboration and sharing of material and data among investigators across the globe.
+ User Manual	<ol> <li>To accelerate research to facilitate the discovery of new treatments, therapeutics and eventually cures for rare diseases as well as common diseases.</li> </ol>
	<ol> <li>To identify, locate and increase the awareness of existing biorepositories across the globe.</li> <li>To link the RD-HUB to the Global Rare Diseases Registry (GRDR). To learn more about the GRDR, please visit http://rarediseases.info.nih.gov/Patient_Registries.</li> </ol>
FOLLOW US ON	Enter Biorepository Data Search the Database
	Fields required for entering biorepository data
	Home   Contact Us   Disclaimer   Privacy Policy

National Institutes of Health	BIOSPECIMENS/BIOREPOSITORIES: Rare Disease-HUB (RD-HUB)						
				QUICK DA	TABASE SEAR	CH cancer	GO
+ Home	-						
+ Enter Biorepository Data	Search	the Hu	man Bio	ospecime	ens/Bio	repositories Datab	ase
→ Search the Database	oouror			opoonne	110/ 0101	ropoononoo Dulub	acc
+ Contributing Biorepositories	-	Encolman	Anotomio	Dresseling	Camala		Mars
+ Other Related Resources	Disease	Туре	Source	Method	Count	Repository	Details
+ News and Publications	Familial	200400-002	Lot Will be also and a	and the second	THE CONTRACT OF	NCI Cooperative Human Tissue	
+ Events	prostate	Other	Bile Duct	Cell line	Unknown	Network (CHTN)	View
+ Frequently Asked Questions	Familial						
→ User Manual	prostate cancer		Bile Duct	Cell line		National Institute on Drug Abuse (NIDA) Center for Genetic Studies	View
	Familial prostate cancer		Bile Duct	Cell line		National Institute on Drug Abuse (NIDA) Center for Genetic Studies	View

Figure 10. Screenshot of sample search using the *Quick Database Search* 

Figure 11. Screenshot of sample search using the *Quick Database Search* for a disease for which no biospecimens are available

Office of Rare Diseases Research National Institutes of Health	BIOSPECIMENS/BIOREPOSITORIES: Rare Disease-HUB (RD-HUB)
	QUICK DATABASE SEARCH
+ Home	
+ Enter Biorepository Data	Search the Human Biospecimens/Biorepositories Database
+ Search the Database	
+ Contributing Biorepositories	Our database has no specimens that match your search criteria. Please try again being less specific. If your search does not yield
+ Other Related Resources	results, please visit us again at a later date, as biospecimens meeting your search critieria may become available.
+ News and Publications	
+ Events	Refine Existing Search New Search
+ Frequently Asked Questions	
+ User Manual	
FOLLOW US ON	
	Home   Contact Us   Disclaimer   Privacy Policy

# **Search Results**

- a. The initial results screen shows a summary of your search results (see Figure 12).
- b. The table with the search results contains the following sortable columns:
  - o Disease
  - o Specimen Type
  - o Anatomic Source
  - o Processing Method
  - o Samples
  - o Repository
- c. Click the "View" link in the row for the biospecimen for which you are interested in seeing more details. Once you click "View," a pop-up window will appear with additional information about the biospecimen and the biospecimen donor (see Figure 13).

#### Figure 12. Screenshot of sample search results



# Search Results Details

- a. Clicking "View" for any result will display a pop-up window with detailed information (see Figure 12).
- b. Click the "Show Full Info" link next to the *Description* field to learn about the purpose of the biorepository and the types of biospecimens it provides. Click the "Hide Info" link next to the *Description* field to hide the text in the field.
- c. Click "Print Details" to print the full contents of the pop-up window.
- d. Click the "X" in the upper right corner to close out of the pop-up window and return to the *Search Results* Web page.

Figure 13. Screenshot of detailed search results

#### Search Result Details Primary Contact Name: Telephone: E-mail: Biorepository Name: National Institute on Drug Abuse (NIDA) Center for Genetic Studies Description: Show Full Info URL: http://zork.wustl.edu/nida/ Biospecimen Specimen ID: Specimen URL: Disease: 10g partial trisomy OMIM: Normal: Anatomic Source: Adipose Tissue Tissue Donor: Storage Method: -20 Degrees Celsius Freezer Processing Method : Cell culture Specimen Type: Bile Type of Consent: Other Imaging: PET/CT Is there an associated cost? Is there a cost for shipping and handling? Sample Count: Ethnicity: Race: Gender: Patient Age: **Optional Information:** Histopathologic information available? Family history available? Participant follow-up available?