

- Aliquot Search Form view is the easiest way for a user to find specific aliquots meeting multiple criteria.
- After filling out any of fields press the submit button. (If a table does not start to populate under the form then try new criteria in the search.)

The screenshot displays the 'Aliquot Search Form' interface. At the top, a dark navigation bar contains links: Home, Contents Lookup, Freezer Inventory, Add an Aliquot, Aliquot Search Form (highlighted with a red circle), Add a Box, and Upload CSV?. The BIO-RAD logo is in the top right corner. On the left, a sidebar shows 'USER: datamgt' and a 'Logout' link. The main area is titled 'Aliquot Search Form' and contains several search criteria, each with a text input field: 'Aqid contains', 'Riskcategory contains', 'Samtypedesc contains', 'Volume is greater than', 'Volume is less than', 'Gender contains', 'Age is greater than', and 'Age is less than'. A yellow 'Submit' button is located at the bottom of the form.

- AqID contains – Searches the Aliquot ID's
- Riskcategory contains – As of right now the only search criteria is - Disease
- Samtypedesc contains – good way of narrowing search for plasma or serum
- Volume is greater than – Self explanatory (in mL)
- Volume is less than – Self explanatory (in mL)
- Gender contains – Search M or F
- Age is greater than – Self explanatory (enter whole numbers)
- Age is less than – Self explanatory (enter whole numbers)

- After submitting the form please wait until the top header turns into dropdowns

Aliquot Search Form

Aqid contains

Riskcategory contains

Samtypedesc contains

Volume is greater than

Volume is less than

Gender contains

Age is greater than

Age is less than

Submit

Export Table to CSV

Cage	Cane	Stack	Freezer	Box ID	AQID	Original ID	Grid	Label Information	Volume (mL)	Insert Date	Study Desc	Sample Type Desc	Sample Prep Desc	Panel Name	Panel Desc	Risk Category	Risk Group Desc	Manufacturer	Member #	Blood Type	HIV 1	HIV 2	HVO	HBS	HBC	HAV	HCV	MMRV	Influenza	SAR COV
Cage	Cane	Stack	Freezer	Box ID	AQID	Original ID	Grid	Label Information	Volume (mL)	Insert Date	Study Desc	Sample Type Desc	Sample Prep Desc	Panel Name	Panel Desc	Risk Category	Risk Group Desc	Manufacturer	Member #	Blood Type	HIV 1	HIV 2	HVO	HBS	HBC	HAV	HCV	MMRV	Influenza	SAR COV

- Once the dropdowns appear the user can select any of them to narrow the search further.

[illegible]

- When the user is satisfied with what is displayed in the table the user can export the table in csv format. This will automatically be downloaded in an excel file.

The screenshot shows a web application interface. At the top left, there is a user profile section with 'USER: datamgt' and a 'Logout' link. Below this is a search and filter section with several input fields: 'Aqid contains', 'Riskcategory contains', 'Disease', 'Samtypedesc contains' (with 'plasma' entered), 'Volume is greater than', 'Volume is less than', 'Gender contains', 'Age is greater than', and 'Age is less than'. A yellow 'Submit' button is located below these fields. Below the submit button is a red circle highlighting a button labeled 'Export Table to CSV'. Below this button is a table with the following columns: Cage, Cane, Stack, Freezer, Box ID, AQID, Original ID, Grid, Label Information, Volume (mL), Insert Date, Study Desc, and Sample Type. The table contains two rows of data. A red circle highlights the 'Export Table to CSV' button and the first row of the table. At the bottom of the screen, a Windows taskbar is visible with the file explorer open to 'aliquot_inventory (...csv)'.

USER: datamgt
Logout

Aqid contains
Riskcategory contains
Disease
Samtypedesc contains
plasma
Volume is greater than
Volume is less than
Gender contains
Age is greater than
Age is less than

Submit

Export Table to CSV

Cage	Cane	Stack	Freezer	Box ID	AQID	Original ID	Grid	Label Information	Volume (mL)	Insert Date	Study Desc	Sample Type
1	01	A01	240B	001A	001A-F01	HP7-1604-0002	F01	HP7-1604-0002	1.000	April 23, 2015, 5 p.m.	ANA	Pla
1	01	A01	240B	001A	001A-F02	HP7-1604-0003	F02	HP7-1604-0003	1.000	April 23, 2015	ANA	Pla

aliquot_inventory (...csv)

- If the user wants to check out an aliquot that is displayed in the search results table the user will press the hyperlink on the Aliquot ID of that aliquot.
- The user will then be taken to the box that the aliquot is located. From there the user will be able to select and check out the aliquot.

Submit														
Export Table to CSV														
▼	▼	▼	▼	▼	▼	Orig ▼	▼	Label ▼	▼	▼	Σ ▼	▼	S ▼	
Cage	Cane	Stack	Freezer	Box ID	AQID	Original ID	Grid	Label Information	Volume (mL)	Insert Date	Study Desc	Sample Type Desc	Sample Prep Desc	
1	01	A01	240B	001A	001A-F01	HP7-1604-0002	F01	HP7-1604-0002	1.000	April 23, 2015, 5 p.m.	ANA	Plasma	Unknown	
1	01	A01	240B	001A	001A-F02	HP7-1604-0003	F02	HP7-1604-0003	1.000	April 23, 2015, 5 p.m.	ANA	Plasma	Unknown	
1	01	A01	240B	001A	001A-F03	HP7-1604-0004	F03	HP7-1604-0004	1.000	April 23, 2015, 5 p.m.	ANA	Plasma	Unknown	
1	01	A01	240B	001A	001A-F04	HP7-1604-0005	F04	HP7-1604-0005	1.000	April 23, 2015, 5 p.m.	ANA	Plasma	Unknown	

- To checkout an aliquot the user will click the check boxes of all the aliquots they require and click the 'check out' button

USER: datamgt
[Logout](#)

Aliquot and Box Detail

[Export Table to CSV](#)

You are in box: **001A**. If you would like to update the box **001A** click--> [Update](#)

Select Aliquot	AQID	Cage	Cane	Stack	Freezer	Original ID	Grid	Label Information	Volume (mL)	Insert Date	Checked Out?
<input checked="" type="checkbox"/>	001A-A01-Update	1	01	A01	240B	00047303	A01	00047303	1.000	April 23, 2015, 5 p.m.	No

- Once the button is pressed the page will update with a success message in green and the column 'Select Aliquot' will no longer show check boxes where the aliquot is checked out. Also the 'Checked Out?' column will change from No to Yes.

USER: datamgt
[Logout](#)

Aliquots [001A-A01] Checked Out Successfully!

Aliquot and Box Detail

[Export Table to CSV](#)

You are in box: **001A**. If you would like to update the box **001A** click--> [Update](#)

Select Aliquot	AQID	Cage	Cane	Stack	Freezer	Original ID	Grid	Label Information	Volume (mL)	Insert Date	Checked Out?
	001A-A01-Update	1	01	A01	240B	00047303	A01	00047303	1.000	April 23, 2015, 5 p.m.	Yes