

BioSample Summary

This summarizes a record of the biomaterial derived from a subject that was used in an experiment. When this category is selected, the page provides a summary overview of various types of biological samples within your given research project. You may view detailed information about specific biological samples by selecting one or more biological samples and clicking the 'View Details' button. Search options are, All BioSamples, by Name/Description, by Sample Type, by Sample Subtype, by Saved Lists. All the search options are resizable, contains links and pop-ups but only Sample Accession, User Defined-ID, and Sample Name are sortable for the version 2.3. More changes will be effected in the later versions of ImmPort. If you have any questions or comments, please contact ImmPort at helpdesk@immport.org.

Click on Research Data and select Biological Samples

Research Projects

- ADVN Varicella 3
- Atopic Dermatitis & Vaccinia Network (ADVN) Clinical Studies Consortium
- IP2.6.1 BUL 2
- ITN019AD - Clinical Trial
- Research Project for ImmPort Version 2.7 - XML
- TESTING: Bioinformatics Integration Support Project
- Test research project for v2.5.2

Collaborative Projects

- Test collaborative project for v2

Public Workspaces

- SEMI-PUBLIC WORKSPACE (SPW) PROJECT

What You Can Do: Search Data, Visualize Data, Analyze Data

Genes
Access integrated information about genes and their protein products, including structural and functional attributes, biological pathway membership, protein-protein interactions and more.

MHC Alleles
Find complete DNA and protein sequences, sequence features, and population frequencies of MHC, MIC and TAP alleles. Align MHC sequences to visualize extent of polymorphisms.

ImmPort Gene Lists
View detailed information about immunologically-relevant genes by category. Examine differential gene expression information from

Notifications

Experiments
Subjects
Share Research Data
Download Project Summary

Biological Samples

Protocols
Reagents
Experiment Samples
Uploaded Files
Studies

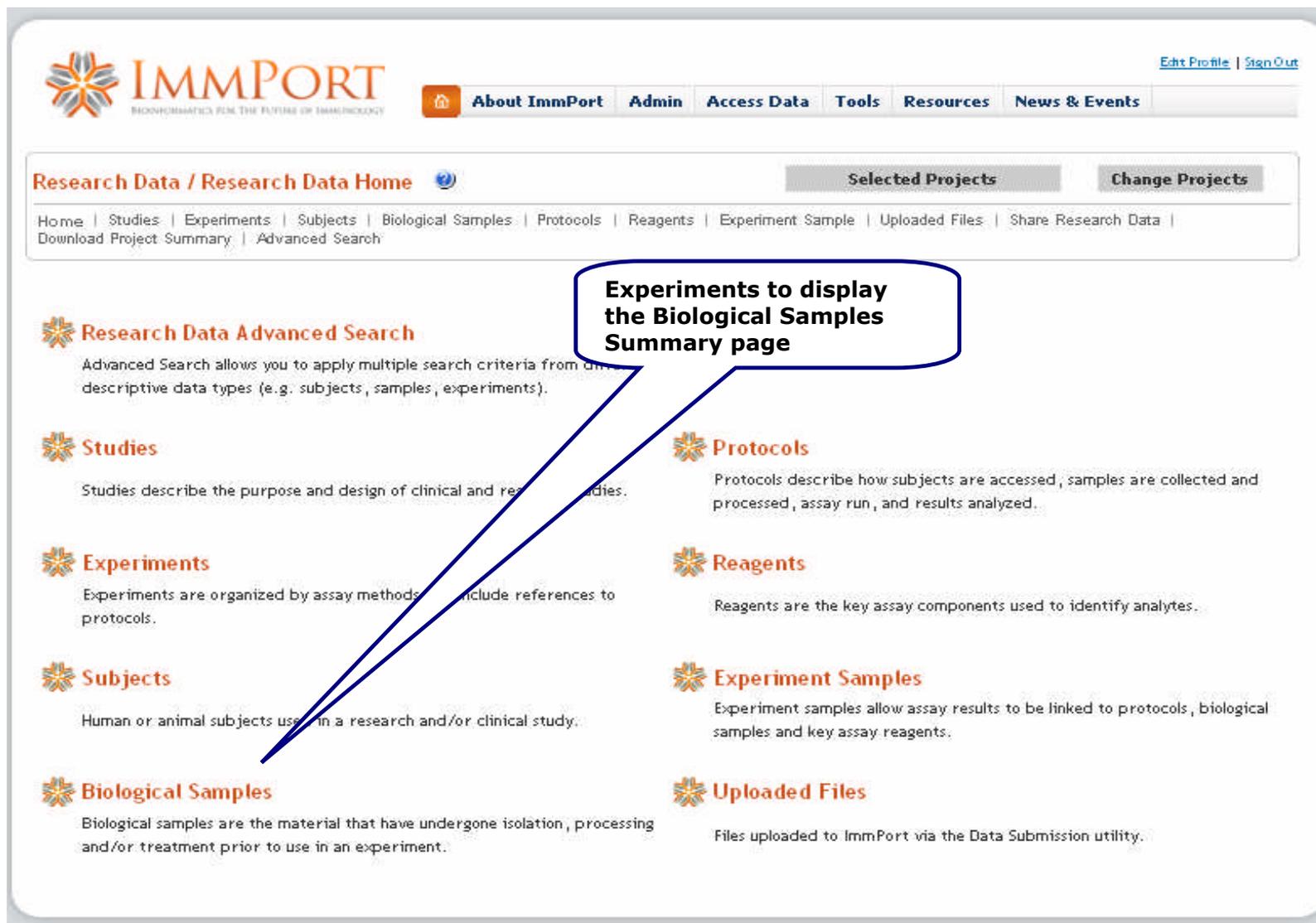
» Submitting data to ImmPort? We want to help! We're available to assist you in all aspects of data submission, including formatting, validating and uploading your data. Send us an [email](#), and we'll work with you to ensure everything runs smoothly.

Research Spotlight

Graph showing CD133 cells per 10⁶ PBMCs vs Days post-infection. Legend: -Flaps (open circles), +Flaps Day -1 to 30 (filled squares). P-values: P = 0.0180, P = 0.0180.

Flow cytometry plots showing CD133 expression in CD133⁺ cells at Day -1 to 30 for -Flaps and +Flaps Day -1 to 30 conditions.

Alternatively from the Research Data Home, select Experiments to view the search options and the experiment summary



The screenshot shows the ImmPort Research Data Home page. At the top left is the ImmPort logo. To its right is a navigation menu with links: About ImmPort, Admin, Access Data, Tools, Resources, and News & Events. Further right are links for Edit Profile and Sign Out. Below the logo is a breadcrumb trail: Research Data / Research Data Home. To the right of the breadcrumb are buttons for Selected Projects and Change Projects. A secondary navigation bar contains links: Home, Studies, Experiments, Subjects, Biological Samples, Protocols, Reagents, Experiment Sample, Uploaded Files, Share Research Data, Download Project Summary, and Advanced Search. The main content area features several categories, each with a star icon and a brief description:

- Research Data Advanced Search**: Advanced Search allows you to apply multiple search criteria from one or more descriptive data types (e.g. subjects, samples, experiments).
- Studies**: Studies describe the purpose and design of clinical and research studies.
- Experiments**: Experiments are organized by assay methods and include references to protocols.
- Subjects**: Human or animal subjects used in a research and/or clinical study.
- Biological Samples**: Biological samples are the material that have undergone isolation, processing and/or treatment prior to use in an experiment.
- Protocols**: Protocols describe how subjects are accessed, samples are collected and processed, assay run, and results analyzed.
- Reagents**: Reagents are the key assay components used to identify analytes.
- Experiment Samples**: Experiment samples allow assay results to be linked to protocols, biological samples and key assay reagents.
- Uploaded Files**: Files uploaded to ImmPort via the Data Submission utility.

A blue callout box with a white background and a blue border is positioned over the Experiments link in the secondary navigation bar. The text inside the callout box reads: "Experiments to display the Biological Samples Summary page". Two blue lines extend from the bottom corners of the callout box to the Experiments link.

BioSample Summary

Search Options

Biological Sample: User Def Biosample Id

Name

Description

Type

Biological Sample: Sub Type

Biological Sample: Research Project

Biological Sample: Saved List

Biological Sample: Research Project

Biological Sample: Saved List

Equal

Equal

Submit

Selected Projects

Change Projects

Sort Ascending

Sort Descending

Columns

Selected items: BS10104, BS10105

Page 1 of 14

View Details Save Items Save All Export

Displaying 1 - 25 of 327

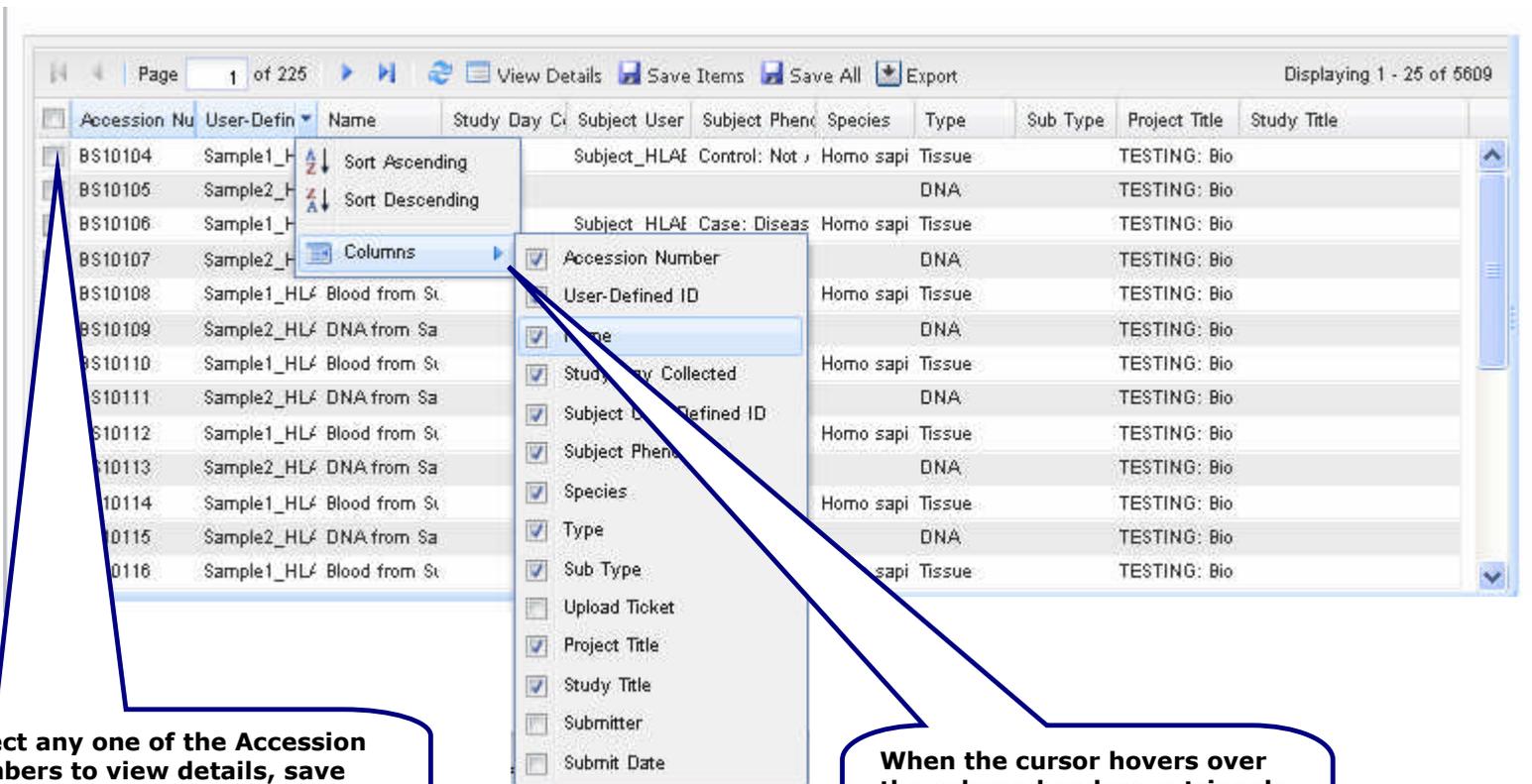
Accession Number	User-Defined ID	Name	Species	Type	Sub Type	Project Title
<input checked="" type="checkbox"/>	BS10104	Sample1_HLAEExp1_ Blood from Subject_	Homo sapiens	Tissue		TESTING: Bioinform
<input checked="" type="checkbox"/>	BS10105	Sample2_HLAEExp1_ DNA from Sample1_		DNA		TESTING: Bioinform
<input type="checkbox"/>	BS10106	Sample1_HLAEExp1_ Blood from Subject_	Homo sapiens	Tissue		TESTING: Bioinform
<input type="checkbox"/>	BS10107	Sample2_HLAEExp1_ DNA from Sample1_		DNA		TESTING: Bioinform

Click the triangle to sort each of the columns ascending or descending and extra columns to display. Click on the columns arrow to see the available columns

All columns will be exported and all search results will be exported

BioSample Summary

When the cursor hovers over the column headers, a triangle at the right side of the column header appears indicating sorting ascending and descending as well as the columns that are in the table. Click on the arrow to display all the available columns.



Accession Nu	User-Defin	Name	Study Day Col	Subject User	Subject Phen	Species	Type	Sub Type	Project Title	Study Title
BS10104	Sample1_H			Subject_HLAE	Control: Not	Homo sapi	Tissue		TESTING: Bio	
BS10105	Sample2_H						DNA		TESTING: Bio	
BS10106	Sample1_H			Subject_HLAE	Case: Diseas	Homo sapi	Tissue		TESTING: Bio	
BS10107	Sample2_H						DNA		TESTING: Bio	
BS10108	Sample1_HL	Blood from St				Homo sapi	Tissue		TESTING: Bio	
BS10109	Sample2_HL	DNA from Sa					DNA		TESTING: Bio	
BS10110	Sample1_HL	Blood from St				Homo sapi	Tissue		TESTING: Bio	
BS10111	Sample2_HL	DNA from Sa					DNA		TESTING: Bio	
BS10112	Sample1_HL	Blood from St				Homo sapi	Tissue		TESTING: Bio	
BS10113	Sample2_HL	DNA from Sa					DNA		TESTING: Bio	
BS10114	Sample1_HL	Blood from St				Homo sapi	Tissue		TESTING: Bio	
BS10115	Sample2_HL	DNA from Sa					DNA		TESTING: Bio	
BS10116	Sample1_HL	Blood from St					sapi Tissue		TESTING: Bio	

Select any one of the Accession numbers to view details, save items, save all or export the data for further analysis

When the cursor hovers over the column headers, a triangle at the right side of the column header appears. The sorting order and the columns available will be displayed