

The Ark Documentation.

Biospecimen Upload.

Log in and select your study.

Once you have chosen your study we will see the following functions. Click the LIMS function in the top row.

The screenshot shows the 'Welcome to The Ark' web application. The browser address bar displays 'prod.the-ark.org.au/ark/home?3'. The page header includes the 'Centre for Genetic Epidemiology & Biostatistics' logo and the 'THE ARK' logo with the tagline 'OPEN SOURCE SOFTWARE FOR MEDICAL RESEARCH'. A welcome message for 'arksuperuser@ark.org.au' is visible. The main navigation bar features tabs for 'Study', 'Subject', 'Datasets', 'LIMS' (highlighted with a red box), 'Reporting', 'Work Tracking', 'Disease', and 'Admin'. Below this, a sub-navigation bar shows 'Study Details', 'Study Components', 'Manage Users', 'Subject Custom Fields', 'Subject Custom Field Upload', and 'Subject Upload'. The 'Study Details' section contains a form with fields for 'ID:', 'Status:' (a dropdown menu), 'Principal Contact:', 'Study Name:', 'Date of Application:' (with a calendar icon), and buttons for 'Search', 'Reset', and 'New'. Below the form is a table listing studies with columns for 'ID:', 'Study Name:', 'Principal Contact:', and 'Date of Application: (dd/mm/yyyy)'. The table lists various studies, including 'Lifepool', 'TIG', 'Health Twist', 'PMH Demonstration', 'PathWest LM Demo', 'IID Demonstration', 'LEI', 'SNU Test', 'random new', 'IMRC-Test', 'PeterMac CFU', 'Mirek Test', 'Twins and Sisters', 'PRAMD', and 'MODE Meta Data'. The footer of the page states 'the-ark 1.2 Copyright © the-ark.org.au. All rights reserved.'

ID:	Study Name:	Principal Contact:	Date of Application: (dd/mm/yyyy)
1	Lifepool	Lisa Devereux	
333	TIG		
566	Health Twist		
568	PMH Demonstration		
573	PathWest LM Demo	Maxine Dennis	
577	IID Demonstration		
580	LEI		
583	SNU Test		
584	random new		
585	IMRC-Test		
589	PeterMac CFU		
591	Mirek Test		
593	Twins and Sisters	Prof. John Hopper	23/01/2015
594	PRAMD	Aaron Mango	
595	MODE Meta Data		

The following page will appear. Select the Biospecimen Upload function.

Welcome to The Ark

prod.the-ark.org.au/ark/home?2

Centre for Genetic Epidemiology & Biostatistics

THE UNIVERSITY OF WESTERN AUSTRALIA

THE ARK
OPEN SOURCE SOFTWARE
FOR MEDICAL RESEARCH

Welcome arksuperuser@ark.org.au | Logout

Study: Pedigree WIP Subject UID: 999

Study Subject Datasets LIMS Reporting Work Tracking Disease Admin

Inventory Biospecimen Upload Collection Custom Fields Biospecimen Custom Fields Barcode Labels Collection Custom Field Upload Biospecimen Custom Field Upload

Add Site Add Freezer
Add Rack Add Box
Enable All Empty Cells
Unimelb

The following page will appear.

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Study: Pedigree WIP

Study Subject Datasets LIMS Reporting Work Tracking Disease Admin

Inventory Biospecimen Upload Collection Custom Fields Biospecimen Custom Fields Barcode Labels Collection Custom Field Upload Biospecimen Custom Field Upload

Step 1/5: Select data file to upload

Select the file containing data, the Study and the specified delimiter, click Next to continue.

Study: Pedigree WIP Upload Type: Choose One

Filename: Choose file No file chosen Delimiter Type: COMMA

Note: When uploading an Excel file (xls), delimiter type is ignored. However, we recommend converting (xls to a CSV file) and examining the data prior to uploading. The variability of xl version means we cannot be certain of the quality of data the XL file will represent

Note: Click "Download Template" for an example file. Header columns are required.

ID:	Filename:	File Format:	UserID:	Start Time:	Finish Time:	Download Template	Status:
167	BiospecimenUpload.csv	CSV	demo@ark.org.au	2014-10-03 09:58:15.0		Download File	Successfully validated
166	BiospecimenUpload.csv	CSV	demo@ark.org.au	2014-10-03 09:57:31.0		Download File	Successfully validated
165	BiospecimenUpload.csv	CSV	demo@ark.org.au	2014-10-03 09:57:01.0		Download File	Successfully validated
163	BiospecimenUpload.csv	CSV	demo@ark.org.au	2014-09-30 14:15:44.0		Download File	Error validation file
162	BiospecimenUpload.csv	CSV	demo@ark.org.au	2014-09-30		Download File	Successfully validated

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Select the study you wish to upload to. Use the Choose file function to upload a CSV file with the upload information.

If you use another file type, you can select the appropriate delimiter type from the drop-down menu.

Step 1/5: Select data file to upload
Select the file containing data, the Study and the specified delimiter, click Next to continue.

Study: Pedigree WIP *
Upload Type: Choose One

Filename: Choose file | No file chosen *
Delimiter Type: COMMA *

Note: When uploading an Excel file (xls), delimiter type is ignored. However, we recommend converting (xls to a CSV file) and examining the data prior to uploading. The variability of xl version means we cannot be certain of the quality of data the XL file will represent

Note: Click "Download Template" for an example file. Header columns are required.

Next Cancel Finish

ID:	Filename:	File Format:	UserID:	Start Time:	Finish Time:	Download Template	Status:
167	BiospecimenUpload.csv	CSV	demo@ark.org.au	2014-10-03 09:58:15.0		Download File	Successfully validated
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165	BiospecimenUpload.csv	CSV	demo@ark.org.au	2014-10-03 09:57:01.0		Download File	Successfully validated
163	BiospecimenUpload.csv	CSV	demo@ark.org.au	2014-09-30 14:15:44.0		Download File	Error validation file
162	BiospecimenUpload.csv	CSV	demo@ark.org.au	2014-09-30		Download File	Successfully validated

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You can click on the "Download Template" for an example CSV file.

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Study: Pedigree WIP *
Upload Type: Choose One

Filename: Choose file | No file chosen *
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165	BiospecimenUpload.csv	CSV	demo@ark.org.au	2014-10-03 09:57:01.0		Download File	Successfully validated
163	BiospecimenUpload.csv	CSV	demo@ark.org.au	2014-09-30 14:15:44.0		Download File	Error validation file
162	BiospecimenUpload.csv	CSV	demo@ark.org.au	2014-09-30		Download File	Successfully validated

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Below is template file for uploading biospecimens.

BiospecimenUpload [Compatibility Mode] - Microsoft Excel

NOTE: Removed this first column, and replace rows 2 to 5															
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	SUBJECTUID	BIOSECIMENUID	BIOCOLLECTIONUID	SAMPLETYPE	QUANTITY	UNITS	TREATMENT	CONCENTRATION	SITE	FREEZER	RACK	BOX	ROW	COLUMN	
2	DESCRIPTION	The unique identifier	The unique identifier	The sample type	The quantity	The units	The treatment	The concentration	The site	The freezer	The rack	The box	The row	The column	
3	MANDATORY	Mandatory IF	Mandatory IF	study n	Yes	Yes	Yes	No	No	No	No	No	No	No	
4	VALID VALUES						70% Alcohol F								
5	NOTE: Removed this														
6															
7															

When you have finished, click Next.

Welcome to The Ark

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Study: Pedigree WIP

Study Subject Datasets LIMS Reporting Work Tracking Disease Admin

Inventory Biospecimen Upload Collection Custom Fields Biospecimen Custom Fields Barcode Labels Collection Custom Field Upload Biospecimen Custom Field Upload

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