

September 23, 2025

# Laboratory 08

## Sample Metadata

**Excel**

**19<sup>th</sup> IHIWS database system development team**

# Upload and Manage Sample Metadata

The screenshot displays the IHIW19 Management System Dashboard. The browser address bar shows the URL <https://data.ihiw19.org>. The dashboard header includes the IHIW19 logo, navigation tabs for Dashboard, Lab View, and Project View, and a user profile dropdown for IHIW19 Demo2.

## Dashboard

Welcome to IHIW19 Management System, IHIW19 Demo2

### Metadata Completion Status

#### HLA Metadata

Sample Metadata (Stage 1)  
Sample: 1 of 1 completed (100%)

Subject Metadata (Stage 2)  
Subject: 1 of 1 completed (100%)

No HLA metadata found

#### Antibody Metadata

Sample Metadata (Stage 1)  
Sample: 1 of 1 completed (100%)

Subject Metadata (Stage 2)  
Subject: 1 of 1 completed (100%)

No Antibody metadata found

#### Lab View

Manage lab members, upload files, and configure sharing settings with projects.

[Go to Lab View](#)

#### Project View

Manage projects, view shared files, and import/export data.

[Go to Project View](#)

Click "Go to Lab View"

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# Upload and Manage Sample Metadata

Lab View | IHIW19 Management

https://data.ihiw19.org/lab

Manabu General2

IHIW19

Dashboard

Lab View

Project View

Lab View

Lab:

Lab Members

Project Linkage

HLA Genotype Data

Antibody Testing Data

Sample Metadata

Subject Metadata

Lab Members

| Name            | Email                       | Role       | Status | Action |
|-----------------|-----------------------------|------------|--------|--------|
| MANABU ADMIN    | manabu-admin@example.com    | PI         | Active |        |
| manabu general  | manabugeneral@example.com   | Lab Member | Active |        |
| Manabu General2 | manabu-general2@example.com | Lab Member | Active |        |

Click "Sample Metadata"

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# Upload and Manage Sample Metadata



https://data.ihiw19.org/lab#sample-metadata

ゲスト

IHIW19

Dashboard

Lab View

Tsuyoshi Hachiya2

## Lab View

Lab: GAJ

Lab Members

Project Linkage

Genotype Data

Antibody Testing Data

Sample Metadata

Subject Metadata

Token Management

### Sample Metadata

Sample Metadata Download

Sample Metadata Upload

|               |                     | System Subject |            |    |                    |
|---------------|---------------------|----------------|------------|----|--------------------|
| Sample_ID     | System Sample ID    | Labcode        | Subject_ID | ID | Draw_date Sample_s |
| SAMPLE-ID-001 | IHIW19SAM0000000233 | JPNHAC2        |            |    |                    |
| GTI 64        | IHIW19SAM0000000243 | JPNHAC2        |            |    |                    |

Sample ID is obtained from HLA genotype data or antibody testing data

Converted (anonymized) system sample ID is automatically created

Labcode is automatically filled

Sample metadata is not filled

When data are linked to a project, the project does not receive the non-converted sample ID; only the converted (anonymized) sample ID is shared.

# Upload and Manage Sample Metadata

## Lab View

Lab: GAJ

-  Lab Members
-  Project Linkage
-  Genotype Data
-  Antibody Testing Data
-  **Sample Metadata**
-  Subject Metadata
-  Token Management

Click "Sample Metadata Download"

### Sample Metadata

 Sample Metadata Download

 Sample Metadata Upload

| Sample_ID     | System Sample ID    | Labcode | Subject_ID | System Subject |  | Draw_date | Sample_s |
|---------------|---------------------|---------|------------|----------------|--|-----------|----------|
|               |                     |         |            | ID             |  |           |          |
| SAMPLE-ID-001 | IHIW19SAM0000000233 | JPNHAC2 |            |                |  |           |          |
| GTI 64        | IHIW19SAM0000000243 | JPNHAC2 |            |                |  |           |          |

# Upload and Manage Sample Metadata

← → ↺ <https://data.ihw19.org/lab#sample-metadata> ゲスト

IHW19 Dashboard **Lab View** Tsuyoshi Hachiya2 ▾

## Lab View

Lab: GAJ

よく使う項目

アプリケ...

デスクト...

書類

ダウンロード...

Dropbox...

Dropbox...

iCloud

iCloud Dri...

共有

場所

Dropbox...

Dropbox...

タグ

Online-o...

名前: sample\_metadata\_export\_JPNHAC2

タグ:

< > ▢ ▣ ▤ ▥ ▦ ▧ ▨ ▩

ダウンロード

検索

新規フォルダ

キャンセル

保存

Click "Save"

Metadata Upload

\_date Sample\_s

# Upload and Manage Sample Metadata

## Lab View

Lab: GAJ

- 👥 Lab Members
- 🔗 Project Linkage
- 🕒 Genotype Data
- 🔑 Antibody Testing Data
- 🧪 Sample Metadata
- 👤 Subject Metadata
- 🔑 Token Management

### Sample Metadata

↓ Sample Metadata Download

↑ Sample Metadata Upload

Sample Metadata Excel downloaded successfully!

×

This message indicates download success

| Sample_ID     | System Sample ID    | Labcode | Subject_ID | System Subject ID | Draw_date | Sample_s |
|---------------|---------------------|---------|------------|-------------------|-----------|----------|
| SAMPLE-ID-001 | IHIW19SAM0000000233 | JPNHAC2 |            |                   |           |          |
| GTI 64        | IHIW19SAM0000000243 | JPNHAC2 |            |                   |           |          |

# Upload and Manage Sample Metadata

Open the downloaded Excel file

|    | A                                                                          | B          | C       | D          | E                                      | F         | G          | H           |  |
|----|----------------------------------------------------------------------------|------------|---------|------------|----------------------------------------|-----------|------------|-------------|--|
| 1  | Sample_ID                                                                  | System_Sam | Labcode | Subject_ID | System_Subject_ID                      | Draw_date | Sample_sou | Sample_type |  |
| 2  | SAMPLE-ID-0                                                                | IHIW19SAM  | JPNHAC2 |            |                                        |           |            |             |  |
| 3  | GTI 64                                                                     | IHIW19SAM  | JPNHAC2 |            |                                        |           |            |             |  |
| 4  | "Sample ID", "System Sample ID", and<br>"Labcode" are automatically filled |            |         |            | Do not input<br>"System<br>Subject ID" |           |            |             |  |
| 5  |                                                                            |            |         |            |                                        |           |            |             |  |
| 6  |                                                                            |            |         |            |                                        |           |            |             |  |
| 7  |                                                                            |            |         |            |                                        |           |            |             |  |
| 8  |                                                                            |            |         |            |                                        |           |            |             |  |
| 9  |                                                                            |            |         |            |                                        |           |            |             |  |
| 10 |                                                                            |            |         |            |                                        |           |            |             |  |
| 11 |                                                                            |            |         |            |                                        |           |            |             |  |

# Upload and Manage Sample Metadata

|   | A           | B          | C       | D           | E                 | F         | G          | H           | I |
|---|-------------|------------|---------|-------------|-------------------|-----------|------------|-------------|---|
| 1 | Sample_ID   | System_Sam | Labcode | Subject_ID  | System_Subject_ID | Draw_date | Sample_sou | Sample_type |   |
| 2 | SAMPLE-ID-0 | IHIW19SAM  | JPNHAC2 | SUBJECT_001 |                   |           |            |             |   |
| 3 | GTI 64      | IHIW19SAM  | JPNHAC2 | SUBJECT_001 |                   |           |            |             |   |
| 4 |             |            |         |             |                   |           |            |             |   |

Input  
"Subject ID"

# Upload and Manage Sample Metadata

|   | A           | B          | C       | D           | E                 | F         | G          | H           | I |
|---|-------------|------------|---------|-------------|-------------------|-----------|------------|-------------|---|
| 1 | Sample_ID   | System_Sam | Labcode | Subject_ID  | System_Subject_ID | Draw_date | Sample_sou | Sample_type |   |
| 2 | SAMPLE-ID-0 | IHIW19SAMC | JPNHAC2 | SUBJECT_001 |                   | 2025/9/30 |            |             |   |
| 3 | GTI 64      | IHIW19SAMC | JPNHAC2 | SUBJECT_001 |                   | 2025/9/30 |            |             |   |
| 4 |             |            |         |             |                   |           |            |             |   |

Input  
"Draw date"

# Upload and Manage Sample Metadata

|    | A           | B          | C       | D           | E                 | F         | G           | H           |  |
|----|-------------|------------|---------|-------------|-------------------|-----------|-------------|-------------|--|
| 1  | Sample_ID   | System_Sam | Labcode | Subject_ID  | System_Subject_ID | Draw_date | Sample_sou  | Sample_type |  |
| 2  | SAMPLE-ID-0 | IHIW19SAM  | JPNHAC2 | SUBJECT_001 |                   | 2025/9/30 | Blood       |             |  |
| 3  | GTI 64      | IHIW19SAM  | JPNHAC2 | SUBJECT_001 |                   | 2025/9/30 |             |             |  |
| 4  |             |            |         |             |                   |           | Blood       |             |  |
| 5  |             |            |         |             |                   |           | Buccal swab |             |  |
| 6  |             |            |         |             |                   |           | Saliva      |             |  |
| 7  |             |            |         |             |                   |           | Spleen      |             |  |
| 8  |             |            |         |             |                   |           | Lymph node  |             |  |
| 9  |             |            |         |             |                   |           | Cell line   |             |  |
| 10 |             |            |         |             |                   |           | Other       |             |  |

Select  
"Sample source"

Source Selection  
Select the sample  
from the  
list (or leave

# Upload and Manage Sample Metadata

|   | A           | B          | C       | D           | E                 | F         | G          | H                                                                    | I |
|---|-------------|------------|---------|-------------|-------------------|-----------|------------|----------------------------------------------------------------------|---|
| 1 | Sample_ID   | System_Sam | Labcode | Subject_ID  | System_Subject_ID | Draw_date | Sample_sor | Sample_type                                                          |   |
| 2 | SAMPLE-ID-0 | IHIW19SAM  | JPNHAC2 | SUBJECT_001 |                   | 2025/9/30 | Blood      | DNA                                                                  |   |
| 3 | GTI 64      | IHIW19SAM  | JPNHAC2 | SUBJECT_001 |                   | 2025/9/30 | Blood      | <div><div></div><div>DNA</div><div>Serum</div><div>Other</div></div> |   |
| 4 |             |            |         |             |                   |           |            |                                                                      |   |
| 5 |             |            |         |             |                   |           |            |                                                                      |   |
| 6 |             |            |         |             |                   |           |            |                                                                      |   |
| 7 |             |            |         |             |                   |           |            |                                                                      |   |
| 8 |             |            |         |             |                   |           |            |                                                                      |   |

Sample Type Selection  
Please select the sample  
type from the  
dropdown list (or leave  
blank)

Select  
"Sample type"

## Upload and Manage Sample Metadata

## Save the updated Excel file

[illegible]

# Upload and Manage Sample Metadata

## Lab View

Lab: GAJ

-  Lab Members
-  Project Linkage
-  Genotype Data
-  Antibody Testing Data
-  **Sample Metadata**
-  Subject Metadata
-  Token Management

### Sample Metadata

[📄 Sample Metadata Download](#)[📤 Sample Metadata Upload](#)

Click "Sample Metadata Upload"

| Sample_ID     | System Sample ID    | Labcode | Subject_ID | System Subject |  | Draw_date | Sample_s |
|---------------|---------------------|---------|------------|----------------|--|-----------|----------|
|               |                     |         |            | ID             |  |           |          |
| SAMPLE-ID-001 | IHIW19SAM0000000233 | JPNHAC2 |            |                |  |           |          |
| GTI 64        | IHIW19SAM0000000243 | JPNHAC2 |            |                |  |           |          |

# Upload and Manage Sample Metadata

The screenshot displays the IHIW19 Lab View interface in a web browser. The address bar shows the URL <https://data.ihiw19.org/lab#sample-metadata>. The navigation bar includes links for Dashboard, Lab View (selected), and Project View, along with a user profile for Manabu General2.

The main content area is titled "Lab View" and includes a "Lab:" label. A sidebar on the left lists various lab-related items: Lab Mem, Project L, HLA Gen, Sample M, and Subject M. A file selection dialog is open in the center, showing a list of files. The first file, "sample\_metadata\_export\_MANABUADMINLAB\_20250818\_192906.xlsx", is highlighted. A callout box points to this file with the text "Select the updated Excel file".

The dialog also shows the file's size (9 KB), type (Micros...k (.xlsx)), and upload date (今日 19:31). At the bottom of the dialog, there are buttons for "オプションを表示", "キャンセル", and "開く". A callout box points to the "開く" button with the text "Click 'Open'".

The footer of the page indicates the system is "© 2025 IHIW19 Management System".

# Upload and Manage Sample Metadata

← → ↺ <https://data.ihw19.org/lab#sample-metadata> ゲスト

IHIW19

Dashboard

Lab View

Tsuyoshi Hachiya2

## Lab View

Lab: GAJ

Lab Members

Project Linkage

Genotype Data

Antibody Testing Data

Sample Metadata

Subject Metadata

Token Management

### Sample Metadata

Sample Metadata Download

Sample Metadata Upload

Sample Metadata Excel uploaded successfully!

| Sample_ID     | System Sample ID    | Labcode | Subject_ID  | System Subject ID   | Dra   |
|---------------|---------------------|---------|-------------|---------------------|-------|
| SAMPLE-ID-001 | IHIW19SAM0000000233 | JPNHAC2 | SUBJECT_001 | IHIW19SUB0000000145 | 20230 |
| GTI 64        | IHIW19SAM0000000243 | JPNHAC2 | SUBJECT_001 | IHIW19SUB0000000145 | 20230 |

Sample metadata is filled from the Excel file

Converted (anonymized) system subject ID is automatically created

When data are linked to a project, the project does not receive the non-converted subject ID; only the converted (anonymized) subject ID is shared.