Organ Weight IMPC_OWT_001

Purpose
To measure and record absolute organ weight and body weight, and use the values to calculate organ weight relative to body weight ratio.

Experimental Design

- Minimum number of animals: 4M + 4F
- Age at test: Week 16

Parameters and Metadata

Body weight IMPC_OWT_001_001 | v1.0
simpleParameter

- Req. Analysis: false
- Req. Upload: true
- Is Annotated: false

Unit Measured: g

Spleen weight IMPC_OWT_002_001 | v1.0
simpleParameter

- Req. Analysis: false
- Req. Upload: true
- Is Annotated: true

Unit Measured: g
<table>
<thead>
<tr>
<th>Parameter</th>
<th>IMPC OWT</th>
<th>Version</th>
<th>Unit Measured</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left kidney weight</td>
<td>OWT_003_001</td>
<td>v1.0</td>
<td>g</td>
</tr>
<tr>
<td>Right kidney weight</td>
<td>OWT_004_001</td>
<td>v1.0</td>
<td>g</td>
</tr>
<tr>
<td>Epididymis weight</td>
<td>OWT_005_001</td>
<td>v1.0</td>
<td>g</td>
</tr>
<tr>
<td>Seminal vesicle weight</td>
<td>OWT_007_001</td>
<td>v1.0</td>
<td>g</td>
</tr>
</tbody>
</table>
**Spleen weight to body weight ratio**  IMPC_OWT_008_001 | v1.1

simpleParameter

**Left kidney weight to body weight ratio**  IMPC_OWT_009_001 | v1.1

simpleParameter

**Right kidney weight to body weight ratio**  IMPC_OWT_010_001 | v1.1

simpleParameter
**Epididymis weight to body weight ratio**  IMPC_OWT_012_001 | v1.1

simpleParameter

**Seminal vesicle weight to body weight ratio**  IMPC_OWT_013_001 | v1.1

simpleParameter

**Experimenter ID**  IMPC_OWT_014_001 | v1.0

procedureMetadata
**Date of sacrifice** IMPC_OWT_015_001 | v1.0

**Method of sacrifice** IMPC_OWT_016_001 | v1.0

**Equipment ID** IMPC_OWT_017_001 | v1.0

**Date equipment last calibrated** IMPC_OWT_018_001 | v1.0

**Equipment manufacturer** IMPC_OWT_019_001 | v1.0
Equipment model  IMPC_OWT_020_001 | v1.0

Left testis weight  IMPC_OWT_021_001 | v1.0
Unit Measured: g

Right testis weight  IMPC_OWT_022_001 | v1.0
Unit Measured: g
**Whole liver weight**  IMPC_OWT_023_001 | v1.0

*simpleParameter*

**Right lung all lobes weight**  IMPC_OWT_024_001 | v1.0

*simpleParameter*

**Left lung weight**  IMPC_OWT_025_001 | v1.0

*simpleParameter*

**Left testis weight to body weight ratio**  IMPC_OWT_026_001 | v1.0

*simpleParameter*
**Right testis weight to body weight ratio**  IMPC_OWT_027_001 | v1.0

0

simpleParameter

**Req. Analysis:** false  **Req. Upload:** false  **Is Annotated:** false

**Derivation:** div('IMPC_OWT_022_001', 'IMPC_OWT_001_001')

---

**Whole liver weight to body weight ratio**  IMPC_OWT_028_001 | v1.0

0

simpleParameter

**Req. Analysis:** false  **Req. Upload:** false  **Is Annotated:** false

**Derivation:** div('IMPC_OWT_023_001', 'IMPC_OWT_001_001')

---

**Right lung all lobes weight to body weight ratio**  IMPC_OWT_029_001 | v1.0

29_001 | v1.0

simpleParameter

**Req. Analysis:** false  **Req. Upload:** false  **Is Annotated:** false
**Derivation:** \( \text{div('IMPC_OWT_024_001', 'IMPC_OWT_001_001')} \)

---

**Left lung weight to body weight ratio** IMPC_OWT_030_001 | v1.0

*simpleParameter*

**Req. Analysis:** false  
**Req. Upload:** false  
**Is Annotated:** false

**Derivation:** \( \text{div('IMPC_OWT_025_001', 'IMPC_OWT_001_001')} \)

---

**Whole lung weight** IMPC_OWT_031_001 | v1.0

*simpleParameter*

**Req. Analysis:** false  
**Req. Upload:** false  
**Is Annotated:** true

**Unit Measured:** g