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


Unit Measured: g
Description: body_weight

Spleen weight IMPC_OWT_002_001 | v1.0
simpleParameter


Unit Measured: g
Description: spleen_weight
**Left kidney weight**  IMPC_OWT_003_001 | v1.0

simpleParameter


Unit Measured: g

Description: left_kidney_weight

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**Right kidney weight**  IMPC_OWT_004_001 | v1.0

simpleParameter


Unit Measured: g

Description: right_kidney_weight

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**Epididymis weight**  IMPC_OWT_005_001 | v1.0

simpleParameter


Unit Measured: g

Description: epididymis_weight
**Seminal vesicle weight**  IMPC_OWT_007_001  |  v1.0

*simpleParameter*

**Unit Measured:** g

**Description:** seminal_vesicle_weight

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**Spleen weight to body weight ratio**  IMPC_OWT_008_001  |  v1.1

*simpleParameter*

**Description:** spleen_weight_to_body_weight_ratio

**Derivation:** div('IMPC_OWT_002_001', 'IMPC_OWT_001_001')

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

*simpleParameter*

**Description:** left_kidney_weight_to_body_weight_ratio

**Derivation:** div('IMPC_OWT_003_001', 'IMPC_OWT_001_001')
**Right kidney weight to body weight ratio**  IMPC_OWT_010_001

* simpleParameter


**Description:** right_kidney_weight_to_body_weight_ratio

**Derivation:** div('IMPC_OWT_004_001', 'IMPC_OWT_001_001')

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

* simpleParameter


**Description:** epididymis_weight_to_body_weight_ratio

**Derivation:** div('IMPC_OWT_005_001', 'IMPC_OWT_001_001')

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

* simpleParameter


**Description:** seminal_vesicle_weight_to_body_weight_ratio

**Derivation:** div('IMPC_OWT_007_001', 'IMPC_OWT_001_001')
Experiment ID IMPC_OWT_014_001 | v1.0

procedureMetadata


Description: experimenter_id

Date of sacrifice IMPC_OWT_015_001 | v1.0

procedureMetadata


Description: date_of_sacrifice

Method of sacrifice IMPC_OWT_016_001 | v1.0

procedureMetadata


Description: method_of_sacrifice

Equipment ID IMPC_OWT_017_001 | v1.0

procedureMetadata

Description: equipment_id

Date equipment last calibrated IMPC_OWT_018_001 | v1.0

Description: date_equipment_last_calibrated

Equipment manufacturer IMPC_OWT_019_001 | v1.0

Description: equipment_manufacturer

Equipment model IMPC_OWT_020_001 | v1.0

Description: equipment_model

Left testis weight IMPC_OWT_021_001 | v1.0
left_testis_weight

right_testis_weight

whole_liver_weight

Right lung all lobes weight
Unit Measured: g
Description: right_lung_all_lobes_weight

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

Unit Measured: g
Description: left_lung_weight

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

Description: left_testis_weight_to_body_weight_ratio
Derivation: div('IMPC_OWT_021_001','IMPC_OWT_001_001')

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

\[ \text{Derivation: } \frac{\text{IMPC_OWT}_022_001}{\text{IMPC_OWT}_001_001} \]

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

\[ \text{Description: whole_liver_weight_to_body_weight_ratio} \]

\[ \text{Derivation: } \frac{\text{IMPC_OWT}_023_001}{\text{IMPC_OWT}_001_001} \]

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

\[ \text{Description: right_lung_all_lobes_weight_to_body_weight_ratio} \]

\[ \text{Derivation: } \frac{\text{IMPC_OWT}_024_001}{\text{IMPC_OWT}_001_001} \]

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

\[ \text{Description: left_lung_weight_to_body_weight_ratio} \]

\[ \text{Derivation: } \frac{\text{IMPC_OWT}_025_001}{\text{IMPC_OWT}_001_001} \]
Description: left_lung_weight_to_body_weight_ratio

Derivation: div('IMPC_OWT_025_001', 'IMPC_OWT_001_001')

Whole lung weight IMPC_OWT_031_001 | v1.0
simpleParameter

Unit Measured: g