

Trichuris TRC_TRC_001

Purpose

Trichuris challenge

Experimental Design

Mutant mice and wild-type controls (6 females/group)

Procedure

Mutant mice and wild-type controls (6 females/group) are infected with *Trichuris muris* eggs by oral gavage.

Weights are recorded daily and any mice that have lost greater than 20% or that exhibit clinical signs are culled.

At day 33 post challenge the mice are sacrificed with the caecum collected and assessed for the presence or absence of worms. In addition blood is collected by cardiac puncture and serum isolated for confirmation of productive infection.

Parameters and Metadata

Pre day 32 death TRC_TRC_001_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: pre_day_32_death

Options: No, Yes,

Presence of worms in caecum TRC_TRC_002_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: true

Is Annotated: true

Description: presence_of_worms_in_caecum

Options: Yes - high, Yes - rare, None,

Necropsy comment TRC_TRC_003_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: necropsy_comment

Trichuris serum IgG1 TRC_TRC_004_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Trichuris serum IgG2a TRC_TRC_005_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Trichuris serum IgE TRC_TRC_006_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Trichuris weight curve TRC_TRC_007_001 | v1.0

seriesParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Unit Measured: % weight difference

Increments: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32,