ALTERNATIVE - Formalin Test ALTIMPC_FOR _001

Parameters and Metadata

ALTERNATIVE - Total duration of lick/bite behaviour ALTIMPC_FOR_001_001 | v1.0

simpleParameter

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

Unit Measured: s

Description: ALTERNATIVE -

Derivation: sumOfIncrements('IMPC_FOR_020_001', 1)

ALTERNATIVE - Total number of lick/bite events ALTIMPC_FOR_002_001 | v1.0

simpleParameter

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

Description: ALTERNATIVE -

ALTERNATIVE - Total duration of drag/limp behaviour ALTI

MPC_FOR_003_001 | v1.0

simpleParameter

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

Unit Measured: s

Description: ALTERNATIVE -

Derivation: sumOfIncrements('IMPC_FOR_021_001', 1)

ALTERNATIVE - Total number of drag/limp events ALTIMPC_

FOR_004_001 | v1.0

simpleParameter

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

Description: ALTERNATIVE -

ALTERNATIVE - Total duration of flinch behaviour ALTIMPC_

FOR_005_001 | v1.0

simpleParameter

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

Unit Measured: s

Description: ALTERNATIVE -

Derivation: sumOfIncrements('IMPC_FOR_022_001', 1)

ALTERNATIVE - Total number of flinch events ALTIMPC_FOR_006_001 | v1.0

simpleParameter

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

Description: ALTERNATIVE -

ALTERNATIVE - Anaesthetic ALTIMPC_FOR_007_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE -

Options: Sevoflurane, Isoflurane,

ALTERNATIVE - Formalin Concentration ALTIMPC_FOR_008_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE -

Options: 5%, 2.5%,

ALTERNATIVE - Amount of formalin injected ALTIMPC_FOR_009_001 | v1.0

procedureMetadata

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

Unit Measured: ul

Description: ALTERNATIVE -

Options: 20, 30,

ALTERNATIVE - Syringe Gauge ALTIMPC_FOR_010_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE -

Options: 29, 30,

ALTERNATIVE - Site of formalin injection ALTIMPC_FOR_011_001 | v1.0

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

Description: ALTERNATIVE -

Options: Plantar surface of left hind paw, Plantar surface of right hind paw,

----

ALTERNATIVE - Arena Manufacturer ALTIMPC_FOR_012_001 | v1.0

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

Description: ALTERNATIVE -

Options: In-house, IITC Life Science,

ALTERNATIVE - Size of testing arena ALTIMPC_FOR_013_001 | v1.0

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

Description: ALTERNATIVE -

Options: 13cm (H) x 36cm (W) x 40 cm(L), 12.7 cm (H) x 21.9 cm (W) x 21.59 cm (L), 36cm (L) X 40cm (W) X 13cm (H),

----

ALTERNATIVE - Recording Software ALTIMPC_FOR_014_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE -

Options: Home Cage Analyzer, Actual Analytics, Noldus Media Recorder v4,

----

ALTERNATIVE - Data scoring method ALTIMPC_FOR_015_001 | v1 .0

procedureMetadata

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

Description: ALTERNATIVE -

Options: Human scorer, from video, Neural network, from video,

----

ALTERNATIVE - Annotation Software ALTIMPC_FOR_016_001 | v1. 0

procedureMetadata

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

Description: ALTERNATIVE -

Options: Simple Video Coder ,

Behavioral Observation Research Interactive Software (BORIS), In-house developed system,

---

ALTERNATIVE - Duration of observation period ALTIMPC_FOR_017_001 | v1.0

procedureMetadata

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

Unit Measured: min

Description: ALTERNATIVE -

Options: 60 minutes, 90 minutes,

ALTERNATIVE - Camera Position ALTIMPC_FOR_018_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE -

Options: On the side, Below the arena,

ALTERNATIVE - Disinfectant ALTIMPC_FOR_019_001 | v1.0

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

Description: ALTERNATIVE -

Options: 35% Isopropanol, Virkon 1% & 70% Ethanol, 2% Distel,

----

ALTERNATIVE - Duration of lick/bite behaviour ALTIMPC_FOR _020_001 | v1.0

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

Unit Measured: s

Description: ALTERNATIVE -

Increments: Minimum 1

ALTERNATIVE - Duration of drag/limp behaviour ALTIMPC_F OR_021_001 | v1.0

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

Unit Measured: s

Description: ALTERNATIVE -

Increments: Minimum 1

ALTERNATIVE - Duration of flinch behaviour ALTIMPC_FOR_022_001 | v1.0

seriesParameter

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

Unit Measured: s

Description: ALTERNATIVE -

Increments: Minimum 1

ALTERNATIVE - Duration of licking/biting behavior (10-60 minutes) ALTIMPC_FOR_023_001 | v1.0

simpleParameter

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

Unit Measured: s

Description: ALTERNATIVE -

Derivation:
sum(incrementValue('IMPC_FOR_020_001', '10'),incrementValue('IMPC_FOR_020_001', '15'),incrementValue('IMPC_FOR_020_001', '20'),incrementValue('IMPC_FOR_020_001', '25'),incrementValue('IMPC_FOR_020_001', '30'),incrementValue('IMPC_FOR_020_001', '35'),incrementValue('IMPC_FOR_020_001', '40'),incrementValue('IMPC_FOR_020_001', '45'),incrementValue('IMPC_FOR_020_001', '50'),incrementValue('IMPC_FOR_020_001', '55'))

ALTERNATIVE - Time per bin/increment ALTIMPC_FOR_024_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE -

Options: 5 minutes,

ALTERNATIVE - Time bins excluded ALTIMPC_FOR_025_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE -

Options: Bin/increment 0 (anaesthesia effect), None,

ALTERNATIVE - Experimenter ID ALTIMPC_FOR_026_001 | v1.0

procedureMetadata

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

Description: ALTERNATIVE -