

# Adult LacZ MGP\_ALZ\_001

## Notes

This protocol is a variation on the standard IMPC Adult LacZ protocol, altered by the centre and decreasing the number of tissues tested.

For more information on the Adult LacZ experiment protocol, consult the IMPC procedure: <https://www.mousephenotype.org/impress/ProcedureInfo?action=list&proclD=640&pipeID=7>

## Parameters and Metadata

### Adrenal Gland MGP\_ALZ\_082\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: adrenal\_gland

Options: expression, no expression, ambiguous, tissue not available,

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### Lower Urinary Tract MGP\_ALZ\_083\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: lower\_urinary\_tract

Options: expression, no expression, ambiguous, tissue not available,

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**Brain** MGP\_ALZ\_084\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** brain

**Options:** expression, no expression, ambiguous, tissue not available,

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**Eye** MGP\_ALZ\_085\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** eye

**Options:** expression, no expression, ambiguous, tissue not available,

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**Heart** MGP\_ALZ\_086\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** heart

**Options:** expression, no expression, ambiguous, tissue not available,

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## Kidney MGP\_ALZ\_087\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** kidney

**Options:** expression, no expression, ambiguous, tissue not available,

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## Liver MGP\_ALZ\_088\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** liver

**Options:** expression, no expression, ambiguous, tissue not available,

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## Lymph Node MGP\_ALZ\_089\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** lymph\_node

**Options:** expression, no expression, ambiguous, tissue not available,

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## Mammary gland MGP\_ALZ\_090\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** mammary\_gland

**Options:** expression, no expression, ambiguous, tissue not available,

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## Ovary MGP\_ALZ\_091\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** ovary

**Options:** expression, no expression, ambiguous, tissue not available,

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## Oviduct MGP\_ALZ\_092\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** oviduct

**Options:** expression, no expression, ambiguous, tissue not available,

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## Skin MGP\_ALZ\_093\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** skin

**Options:** expression, no expression, ambiguous, tissue not available,

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## Stomach MGP\_ALZ\_094\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** stomach

**Options:** expression, no expression, ambiguous, tissue not available,

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## Testis MGP\_ALZ\_095\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** testis

**Options:** expression, no expression, ambiguous, tissue not available,

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## Thymus MGP\_ALZ\_096\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** thymus

**Options:** expression, no expression, ambiguous, tissue not available,

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## Trachea MGP\_ALZ\_097\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** trachea

**Options:** expression, no expression, ambiguous, tissue not available,

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## Uterus MGP\_ALZ\_098\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** uterus

**Options:** expression, no expression, ambiguous, tissue not available,

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## Large Intestine MGP\_ALZ\_099\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** large\_intestine

**Options:** expression, no expression, ambiguous, tissue not available,

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## Oesophagus MGP\_ALZ\_100\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** oesophagus

**Options:** expression, no expression, ambiguous, tissue not available,

---

## Spinal cord MGP\_ALZ\_101\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** spinal\_cord

**Options:** expression, no expression, ambiguous, tissue not available,

---

## Thyroid gland MGP\_ALZ\_102\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: thyroid\_gland

Options: expression, no expression, ambiguous, tissue not available,

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## Pituitary gland MGP\_ALZ\_103\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: pituitary\_gland

Options: expression, no expression, ambiguous, tissue not available,

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## Skeletal muscle tissue MGP\_ALZ\_104\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: skeletal\_muscle\_tissue

Options: expression, no expression, ambiguous, tissue not available,



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## Small Intestine MGP\_ALZ\_105\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: small\_intestine

Options: expression, no expression, ambiguous, tissue not available,

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## White Adipose Tissue MGP\_ALZ\_106\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: white\_adipose\_tissue

Options: expression, no expression, ambiguous, tissue not available,

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## Lung MGP\_ALZ\_107\_001 | v1.0

simpleParameter

Req. Analysis: false

Req. Upload: false

Is Annotated: true

Description: lung

**Options:** expression, no expression, ambiguous, tissue not available,

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## **Aorta** MGP\_ALZ\_108\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** aorta

**Options:** expression, no expression, ambiguous, tissue not available,

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## **Pancreas** MGP\_ALZ\_109\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** pancreas

**Options:** expression, no expression, ambiguous, tissue not available,

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## **Prostate gland** MGP\_ALZ\_110\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** prostate\_gland

**Options:** expression, no expression, ambiguous, tissue not available,

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## **Spleen** MGP\_ALZ\_111\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** spleen

**Options:** expression, no expression, ambiguous, tissue not available,

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## **Brainstem** MGP\_ALZ\_112\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** brainstem

**Options:** expression, no expression, ambiguous, tissue not available,

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## **Cartilage tissue** MGP\_ALZ\_113\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** cartilage\_tissue

**Options:** expression, no expression, ambiguous, tissue not available,

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## Cerebral Cortex MGP\_ALZ\_114\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** cerebral\_cortex

**Options:** expression, no expression, ambiguous, tissue not available,

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## Cerebellum MGP\_ALZ\_115\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** cerebellum

**Options:** expression, no expression, ambiguous, tissue not available,

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## Hippocampus MGP\_ALZ\_116\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** hippocampus

**Options:** expression, no expression, ambiguous, tissue not available,

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**Hypothalamus** MGP\_ALZ\_117\_001 | v1.0

simpleParameter

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

**Description:** hypothalamus

**Options:** expression, no expression, ambiguous, tissue not available,

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**Peripheral Nervous System** MGP\_ALZ\_118\_001 | v1.0

simpleParameter

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

**Description:** peripheral\_nervous\_system

**Options:** expression, no expression, ambiguous, tissue not available,

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**Peyer's Patch** MGP\_ALZ\_119\_001 | v1.0

simpleParameter

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

**Description:** peyer\_s\_patch

**Options:** expression, no expression, ambiguous, tissue not available,

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## Striatum MGP\_ALZ\_120\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** striatum

**Options:** expression, no expression, ambiguous, tissue not available,

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## Blood vessel MGP\_ALZ\_121\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** blood\_vessel

**Options:** expression, no expression, ambiguous, tissue not available,

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## Bone MGP\_ALZ\_122\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** bone

**Options:** expression, no expression, ambiguous, tissue not available,

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## **Brown Adipose Tissue** MGP\_ALZ\_123\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** brown\_adipose\_tissue

**Options:** expression, no expression, ambiguous, tissue not available,

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## **Gall Bladder** MGP\_ALZ\_124\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** gall\_bladder

**Options:** expression, no expression, ambiguous, tissue not available,

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## **Parathyroid gland** MGP\_ALZ\_125\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** parathyroid\_gland

**Options:** expression, no expression, ambiguous, tissue not available,

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## Olfactory lobe MGP\_ALZ\_126\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** true

**Description:** olfactory\_lobe

**Options:** expression, no expression, ambiguous, tissue not available,

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## LacZ Images Wholemount MGP\_ALZ\_127\_001 | v1.0

seriesMediaParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** lacz\_images\_wholemount

**Increments:** Minimum 1

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## Free Ontology MGP\_ALZ\_128\_001 | v1.0

simpleParameter



**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** free\_ontology

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## Free text comment MGP\_ALZ\_129\_001 | v1.0

simpleParameter

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** free\_text\_comment

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## Microscope equipment manufacturer MGP\_ALZ\_130\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** microscope\_equipment\_manufacturer

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## Microscope equipment model MGP\_ALZ\_131\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** microscope\_equipment\_model

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## Camera equipment model MGP\_ALZ\_132\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: camera\_equipment\_model

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## Sample preparation stain name MGP\_ALZ\_133\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: sample\_preparation\_stain\_name

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## Sample preparation reference impc MGP\_ALZ\_134\_001 | v1.0

procedureMetadata

Req. Analysis: false

Req. Upload: false

Is Annotated: false

Description: sample\_preparation\_reference\_impc

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**Date of Sacrifice** MGP\_ALZ\_135\_001 | v1.0

procedureMetadata

**Req. Analysis:** false

**Req. Upload:** false

**Is Annotated:** false

**Description:** date\_of\_sacrifice

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