# Inventory of Frozen Tissues from Female Mice of the C2015\_CIP Study

| **Rx** | **Kidney** | **Liver** | **Heart** | **Aorta** | **L\_Cortex** | **R\_Cortex** |
| --- | --- | --- | --- | --- | --- | --- |
| Cont\_15\_CIP | 97 | 196 | 49 | 49 | 35 | 35 |
| DMAG\_CIP | 50 | 100 | 25 | 25 | 18 | 18 |
| bGPA\_CIP | 49 | 100 | 25 | 25 | 18 | 18 |
| Min\_CIP | 50 | 100 | 25 | 25 | 17 | 17 |
| MitoQ\_CIP | 52 | 104 | 26 | 26 | 18 | 18 |
| Rapa\_20hi\_CIP | 56 | 112 | 28 | 28 | 20 | 20 |
| Rapa\_onoff\_CIP | 37 | 76 | 19 | 19 | 19 | 19 |
| Rapa\_stop\_CIP | 12 | 24 | 6 | 6 | 6 | 6 |

| **Rx** | **Inguinal** | **Gonadal** | **Mesentery** | **Gastroc** | **Upper Leg** |
| --- | --- | --- | --- | --- | --- |
| Cont\_15\_CIP | 49 | 49 | 49 | 49 | 84 |
| DMAG\_CIP | 25 | 25 | 25 | 25 | 43 |
| bGPA\_CIP | 25 | 25 | 25 | 25 | 43 |
| Min\_CIP | 25 | 25 | 25 | 25 | 42 |
| MitoQ\_CIP | 26 | 26 | 26 | 26 | 44 |
| Rapa\_20hi\_CIP | 28 | 28 | 28 | 28 | 48 |
| Rapa\_onoff\_CIP | 19 | 19 | 19 | 19 | 38 |
| Rapa\_stop\_CIP | 6 | 6 | 6 | 6 | 12 |

| **Rx** | **Plasma\_small** | **Plasma\_other** |
| --- | --- | --- |
| Cont\_15\_CIP | 205 | 18 |
| DMAG\_CIP | 107 | 0 |
| bGPA\_CIP | 104 | 8 |
| Min\_CIP | 102 | 6 |
| MitoQ\_CIP | 102 | 6 |
| Rapa\_20hi\_CIP | 115 | 7 |
| Rapa\_onoff\_CIP | 78 | 10 |
| Rapa\_stop\_CIP | 36 | 0 |

Last Update: April 2018

# Inventory of Frozen Tissues from Male Mice of the C2015\_CIP Study

| **Rx** | **Kidney** | **Liver** | **Heart** | **Aorta** | **L\_Cortex** | **R\_Cortex** |
| --- | --- | --- | --- | --- | --- | --- |
| Cont\_15\_CIP | 52 | 104 | 26 | 26 | 20 | 20 |
| DMAG\_CIP | 26 | 52 | 13 | 13 | 12 | 12 |
| bGPA\_CIP | 28 | 56 | 14 | 14 | 12 | 12 |
| Min\_CIP | 28 | 56 | 14 | 14 | 12 | 12 |
| MitoQ\_CIP | 28 | 56 | 14 | 14 | 10 | 10 |
| Rapa\_20hi\_CIP | 32 | 64 | 16 | 16 | 12 | 12 |
| Rapa\_onoff\_CIP | 26 | 52 | 13 | 13 | 10 | 10 |
| Rapa\_stop\_CIP | 12 | 24 | 6 | 6 | 6 | 6 |

| **Rx** | **Inguinal** | **Gonadal** | **Mesentery** | **Gastroc** | **Upper Leg** |
| --- | --- | --- | --- | --- | --- |
| Cont\_15\_CIP | 26 | 26 | 26 | 26 | 46 |
| DMAG\_CIP | 13 | 13 | 13 | 13 | 25 |
| bGPA\_CIP | 14 | 13 | 14 | 14 | 26 |
| Min\_CIP | 14 | 14 | 14 | 14 | 26 |
| MitoQ\_CIP | 14 | 14 | 14 | 14 | 24 |
| Rapa\_20hi\_CIP | 16 | 16 | 16 | 16 | 28 |
| Rapa\_onoff\_CIP | 13 | 13 | 13 | 13 | 23 |
| Rapa\_stop\_CIP | 6 | 6 | 6 | 6 | 12 |

| **Rx** | **Plasma\_small** | **Plasma\_other** |
| --- | --- | --- |
| Cont\_15\_CIP | 101 | 13 |
| DMAG\_CIP | 55 | 7 |
| bGPA\_CIP | 60 | 6 |
| Min\_CIP | 59 | 7 |
| MitoQ\_CIP | 56 | 6 |
| Rapa\_20hi\_CIP | 66 | 6 |
| Rapa\_onoff\_CIP | 45 | 9 |
| Rapa\_stop\_CIP | 36 | 0 |

# Notes:

1. The numbers in the table indicate the number of available samples, not the number of individual mice. The number of individual mice can be estimated as the number of liver samples, divided by 4. Approximately one third of the samples were produced and are stored at each of the three test sites (TJL, UM, UT).
2. Both kidneys were taken from each donor. Each liver was divided into 4 pieces. Each donor produced two sets of upper leg muscles. Each “small” aliquot of plasma contains 40 microliters. L\_Cortex and R\_Cortex refer to brain hemispheres. “Inguinal, gonadal, mesenteric” refer to three distinct fat depots.
3. A listing of [agents, doses, and ages of initiation](https://www.nia.nih.gov/research/dab/interventions-testing-program-itp/compounds-testing) for these test drugs is available online.
4. Rapa\_20hi mice and RSapa\_stop mice were started on rapamycin at 20 months of age, and the drug was made available continuously until euthanasia. Rapa\_onoff mice got rapamycin from 20 to 21 months only, before they were euthanized at 22 months.
5. Mice were fed ad lib, not fasted. Mice were euthanized between 8 am and noon, by CO2 asphyxiation. Mice were 22 or 23 months old at time of death. Tissues were frozen within 15 minutes of death of the mouse, and thereafter stored at 80 degrees.