

**Glucose Monitoring of Urine
in Rats and Mice
IACUC Standard Procedure
Effective Date: September 2021**

Description of procedure:

The presence of glucose in the urine will be monitored by urine test sticks.

Supplies:

- Urine test strips
- Color index for glucose concentration

Procedure Steps:

1. Place a urine test strip on a clean surface.
2. Restrain animal.
3. If the animal does not urinate upon restraint, gently depress the caudal abdomen until the animal urinates. (Only one drop is needed on the test strip.)
4. Collect urine directly or from a clean and dry surface.
5. Evaluate the color change on the test strip to determine the concentration of glucose (refer to color index on test strip container).
6. Retest as needed per protocol.



Agents:

All agents administered to animals should be listed in the “Agents” section of the RIO IACUC protocol.

Adverse Effects:

Adverse effects should be listed in the “Adverse Effects” section of the RIO IACUC protocol.