



## Tubal Ligation

Surgery Code: UNTUBALLIG or BITUBALLIG

The tubal ligation is of benefit to preclinical or research studies involving the evaluation of biophysical/physiologic differences between pregnant and non-pregnant uterine horns in pregnant animals.

### Animal Models

Typical selections are listed below; however, choices for strain, age and weight may be limited due to model anatomy and/or physiological conditions.

- Rats: female, any strain, age  $\geq$  21 days old
- Mice: female, any strain, age  $\geq$  21 days old

### Procedure Details

- **Perioperative care:** Please view our Pre- and Postoperative Care Sheet, which can be found at [www.criver.com/opcare](http://www.criver.com/opcare).
- **Housing:** The animals can be group housed.
- **Diet:** No special diet is required.
- **Postoperative holding period:** At a minimum, post-op animals are held overnight, with the majority of animals shipping within 7 days of surgery.
- **Maintenance:** Incision wound clips should be removed 7-10 days after surgery.

### Surgical Summary

A dorsal midline incision is made and abdominal cavity is entered. The ovary and fallopian tube are pulled out of the abdominal cavity and a ligature is tied between the uterine horn and fallopian tube. The ovary, fallopian tube and

uterine horn are then returned to the abdominal cavity.

In the bilateral tubal ligation model, the process is repeated on the other side through the same incision. The skin incision is closed with wound clips or per request.

### IACUC

The Charles River Institutional Animal Care and Use Committee (IACUC) governs the entire surgical process, including all anesthesia, analgesia, animal preparation and any postoperative holding in Charles River facilities prior to shipment. Review of experimental protocols, authorization to order animals that are surgically modified from Charles River, and all aspects concerning the use of animals after they arrive at the institution are the responsibility of the receiving institution's IACUC.

### Contact Us

For more information, visit [www.criver.com/surgery](http://www.criver.com/surgery). For specific surgery-related questions, please contact our technical experts at 1.877.CRIVER.1 (1.877.274.8371) or [askcharlesriver@crl.com](mailto:askcharlesriver@crl.com). To place an order or get a quote, contact our Customer Service Department at 1.800.LABRATS (1.800.522.7287).