ABSTRACT

This collection describes the procedures required to label, visualise, characterise and quantify neurons that innervate the lower urinary tract tissues of adult male and female Sprague-Dawley rats. This collection includes protocols for:

STAGE 1: Surgery to micro-inject fluorescent retrograde tracer dyes into one or more sites within the lower urinary tract

STAGE 2: Intracardiac perfusion with fixative to preserve neural tissues of interest

STAGE 3: Fluorescence immunohistochemistry of ganglion cryosections.
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**FILES**

**Protocol**

**NAME**
Use of tracer dyes to label neural projections to lower urinary tract organs [keast-001-stage01]

**VERSION 1**

**CREATED BY**
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**OPEN →**

**Protocol**

**NAME**
Intracardiac perfusion with fixative for anatomical studies [keast-001-stage02]

**VERSION 1**

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**Protocol**

**NAME**
Immunohistochemical analysis of ganglion neurons innervating the lower urinary tract [keast-001-stage03]

**VERSION 1**

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