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Dissection and immunohistochemistry of mouse vagal ganglia V.2

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Thomas Taylor-Clark¹, Seol-Hee Kim¹

¹University of South Florida

SPARC

Tech. support email: info@neuinfo.org



Seol-Hee Kim

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Protocol status: Working

We use this protocol and it's working

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Abstract

Mice are euthanized, perfused with fixative and the vagal ganglia extracted. Vagal ganglia are then cyosectioned. Slices are stained for protein expression using immunohistochemistry. Expression of specific proteins and reporter proteins isarevisualized using microscopy.

Materials

MATERIALS

⊗ Triton X-100 **Bio-Rad Laboratories Catalog #1610407**

⊗ Bovine Serum Albumin (BSA) **Merck MilliporeSigma (Sigma-Aldrich) Catalog #A7906**

⊗ DPX **Merck Millipore (EMD Millipore) Catalog #1.00579.0500**

⊗ Sucrose

⊗ Tween 20 **Merck MilliporeSigma (Sigma-Aldrich) Catalog #P1379**

⊗ Paraformaldehyde **Merck MilliporeSigma (Sigma-Aldrich) Catalog #P6148**

⊗ Phosphate buffered saline powder, pH 7.4, for preparing 1 L solutions **Merck MilliporeSigma (Sigma-Aldrich) Catalog #P3813**

⊗ alexa fluor 647 chicken anti-goat **Invitrogen - Thermo Fisher Catalog #A21469**

