

The original editor's comments are in *greyed italics* with our responses in normal type face.
To the Editor:

We thank the editor for their comments and feedback on our manuscript and video and our response for each point mentioned is addressed below.

Changes to be made by the Author(s) regarding the written manuscript:

1. Please take this opportunity to thoroughly proofread the manuscript to ensure that there are no spelling or grammar issues. The JoVE editor will not copy-edit your manuscript and any errors in the submitted revision may be present in the published version.

The manuscript has been proof read for spelling and grammatical errors.

2. Please shorten the title: Remove "Experimental considerations for"

The title has been shortened.

3. JoVE cannot publish manuscripts containing commercial language. This includes trademark symbols (™), registered symbols (®), and company names before an instrument or reagent. Please remove all commercial language from your manuscript and use generic terms instead. All commercial products should be sufficiently referenced in the Table of Materials and Reagents.

The commercial language has been removed from the manuscript.

4. Please remove trademark (™) and registered (®) symbols from the Table of Equipment and Materials.

The commercial language has been removed from the table of materials and methods.

5. Please revise the text to avoid the use of any personal pronouns (e.g., "we", "you", "our" etc.).

All personal pronouns have been removed from the text.

6. The Protocol should contain only action items that direct the reader to do something. Please move the discussion about the protocol to the Discussion.

Thank you for this comment. We want to equip the end-user of this protocol with the detailed steps of the protocol. Some of the points that might be considered discussion of the protocol by the editor might be points of caution specific to that step of the protocol. The protocol section of the manuscript has been revised to exclude any extraneous discussion and certain points have been re-worded to sound like caution statements for that specific step of the protocol.

7. Please add more details to your protocol steps. Please ensure you answer the "how" question, i.e., how is the step performed? Alternatively, add references to published material specifying how to perform the protocol action.

The protocol has been revised to include more steps about the how the procedure is done (for examples – Step 5)

8. Is anesthesia used? How is euthanasia performed?

The information regarding if anesthesia is used is added to protocol step 4.7.4. The information regarding euthanasia is added to protocol step 4.8 and 4.9.

9. Please avoid generalized directions. Please specify all volumes and concentrations used throughout. What are the desired amounts? We need specific values.

The manuscript has been proof-read and the specific details have been added wherever necessary and possible.

10. 5.2: How are the intestines collected?

More details on how the intestines are collected have been now added to step 5 (5.2-5.4).

11. 6.12/6.19: Again at 400 x g?

The steps with centrifugation have been now been fixed to explicitly state the speed at which they are to be centrifuged.

12. Please remove the embedded Table from the manuscript. All tables should be uploaded separately to your Editorial Manager account in the form of an .xls or .xlsx file. Each table must be accompanied by a title and a description after the Representative Results of the manuscript text.

All tables have been removed and the respective titles and descriptions have be added to the manuscript after the results section.

Changes to be made by the Author(s) regarding the video:

1. Please include an introduction in the video.

An introduction has been added to the video. With an introduction title card and some explanations about the protocol.

2. Please increase the homogeneity between the video narration and the written protocol. There are more details in the video narration than in the written protocol text.

The written protocol has been edited to increase its homogeneity with the video.

3. Please have a card that says Representative Results.

The card that says representative results has been added.

4. Please include a Conclusion title card in lieu of the summary card.

The summary has been edited to be represented as conclusion with a title card and an explanation card.

5. Please include an introduction other than the initial title card.

This concern has been addressed with the edits made in point 1 of the editor's comments regarding the video.

6. Text/formatting issues

- *0:01 - There are numbers and symbols next to the authors' names, but they don't refer to anything. The affiliations should be added to this card. The animal use disclaimer can be a separate card after the title card.*

Affiliations have been added to the title card now.

7. Frame size/proportions issues

- *8:50-9:03, 9:10-9:27 - The white background of these figures should be extended to eliminate the black borders.*

The figure aspect ratio issues have now been fixed to make the figure fit the full frame.

We thank the editor again for the thoughtful remarks and their assistance in making the revisions successful.