



## chemQ bioscience Product Information

### Organ Flushing Solution; Catalog Number: CQ-LRS-1000; Volume: 1000 mL

Organ Flushing Solution is shipped at ambient temperature. Store at 20°C-25°C, away from direct light. Organ Flushing Solution is for research use or for further manufacturing. To order this item, please contact us at [info@vitroprep.com](mailto:info@vitroprep.com).

#### Organ Flushing Solution Usage and Protocol:

- a. Place the tissue/organ into a sterile container (do not apply heat at this point).
- b. Identify the vessel(s) that will result in optimal perfusion/inflation.
- c. Using a syringe or peristaltic pump, perfuse the Organ Flushing Solution at room temperature into the tissue at a rate that achieves adequate inflation. Avoid exerting too much internal pressure, as some tissues (e.g., liver) can be damaged by over-inflation.
- d. Perfusion a volume sufficient to displace the shipping media and remove residual blood—approximately 2 mL per gram of tissue.
- e. Once the shipping media and blood have been flushed from the tissue, proceed with the buffer/media intended for the isolation process.

#### Additional Considerations and Notes:

- a. The tissue will arrive packaged in cold shipping media. The cold shipping media is harmful to the cells if warmed up to >10°C. Therefore, it is strongly advised to flush the shipping media out of the tissue using Organ Flushing Solution prior to chelation perfusion.

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