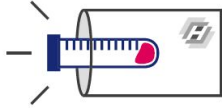


Sample Preparation and Shipping Instructions



1. Submit an online order and FedEx your tissue samples in formalin.



2. We process your samples and scan your slides.



3. Access your digital results in your online account in **3 days**.

You can generate automated Fedex shipping labels during online order submission

- Fedex/UPS Ground (preferred method of shipment for NY, NJ, CT, MA, PA, MD, DE): Send tissues either in 10% Neutral Buffered Formalin (NBF) or 70% ethanol
- Fedex/UPS Express (global): Send tissues in 10% Neutral Buffered Formalin

Paraffin Fixation

- For IHC, fix tissues in 10% NBF for 24-48 hrs at room temperature and then directly transfer to 70% ethanol before shipping. Storage in 70% alcohol more than 1-2 days is not recommended.
- For H&E staining, samples can be stored in 10% NBF up to several months at room temperature.
- The volume of fixative must be 20x over the sample volume and the tissue must be completely immersed in the solution. It is recommended to cut large tissues into thinner slices of <5mm to allow for better fixation.

Frozen Fixation*

- Rinse tissue in ice cold PBS, fixed in fresh 4% paraformaldehyde overnight.
- Place the tissues in 15% sucrose in 1xPBS until the tissues sinks (~6-12 hours)
- Place the tissues 30% sucrose in 1x PBS until the tissues sinks (~overnight)
- Please send/ship tissues in 30% sucrose.

* Applicable for general tissues (Lung, liver, kidney, intestine, etc) Frozen fixation protocol will be adjusted for special tissues (Zebrafish, etc).

Sample Harvest and Shipping

- After necropsy, submerge each wet tissue specimen in a 15mL or 50mL falcon tube filled with 10% NBF, seal cap tightly, put tubes into a zip-lock bag and ship in a durable box.
- Tubes or cassettes must be labeled with pencil or laboratory grade markers/labels (resistant to formalin, ethanol, isopropanol and xylene).
- You can order pre-filled histology containers with 10% NBF from [VWR](#) or [Sigma](#).
- Place an order online with the corresponding order number for easier verification.

These preservatives are exempt and not regulated by Department of Transportation. When shipping:

- DO NOT use the “Dangerous Goods in Excepted Quantities” statement on any shipping documents.
- The primary container (tube, specimen vial) must not be more than 90% full. Secondary packaging (i.e. zip-lock bag) must be leak proof.