

Tissue Identification/Verification DNA Testing

University of Nebraska Medical Center
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Our testing may be used to resolve concerns regarding mislabeled pathology samples, tissue “floaters” or specimen mix-ups. We can utilize formalin-fixed paraffin-embedded tissues, unstained slides, and stained slides. Tissue on slides will be consumed during testing.

Please provide the following:

1. Your contact information including name, name of institution, phone number, and email.
 - a. If samples are to be returned someplace other than where the report is to be sent, please provide that information as well.
2. The name and contact information of the person responsible for the invoice, if different from #1.
 - a. We are unable to invoice the patient.
3. A letter describing what samples you need tested, and what comparisons need to be made.
4. For questioned/unknown samples, please provide the following:
 - a. Unstained slides without a coverslip and corresponding tissue block, if possible. We require enough slides to equal approximately 1 cm square of tissue. For a typical needle biopsy, please send approximately 5 slides. For a small tissue floater, please send approximately 10 slides. This is the preferable sample.
 - b. If multiple tissue fragments are to be tested from the same slide, send an H&E-stained slide with the areas of interest circled, along with the unstained slides, and describe it in the letter.
5. For reference/known samples, please provide **one** of the following:
 - a. Unstained slides without coverslip (this tissue sample should be “normal” or “benign”)
 - b. Buccal swabs (swab from inside cheek of patient—please do not store in media and allow to air dry)
 - c. Blood sample (purple or green top)
6. If you are mailing your specimens, please use a trackable method (FedEx, certified mail, etc.) and send to address listed above in red. Please do not send packages to arrive on holidays or weekends.

If you have any questions, please contact the lab at (402) 559-7220. Thank you!