

## Instructions for Thyroid FNA Cytology Smears, Cell Blocks, and FFPE Tissue

The preferred specimen type is a fresh FNA collected into ThyroSeq *Preserve* solution. However, when this is not possible, cytology smears or section from a cytology cell block can be submitted. For resected tumor, use FFPE tissue instructions below. All sample types below can be shipped in kit with frozen FNA samples or separately at ambient temperature.

### Thyroid FNA cytology smears:

- Requirements:
  - Submit 1 or 2 cytology smear slides per patient. Each slide must contain no less than 200-300 thyroid cells.
  - Papanicolaou (Pap) stained and Diff-Quik™ stained direct smears are acceptable for testing. Pap stained smears are preferred due to higher success rate of testing.
  - Slides must be marked with at least two unique patient identifiers.
  - Include a completed test requisition and a copy of the cytopathology report.
- Shipping: Place all slides in plastic slide holder and place slide holder inside foam insert of kit. Secure box and place box in the FedEx UN3373 envelope. Fill out all paperwork, waybill and commercial invoice. There must be 2 copies of the commercial invoice along with the original sent out. When ready, please call for pick up.

**Note: Cytology smears will be destroyed during the molecular testing process and cannot be returned. It is up to the sending institution to create and save any images needed of the slides prior to sending for testing.**

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### Thyroid FNA cell block:

- Requirements:
    - Cut 8-10 sections from the cell block at 4-5 microns and perform H&E staining of the 1st and 10th sections.
    - Review H&E slides to assure that >200-300 cells are present.
    - Submit 1 H&E slide and 6 unstained slides.
    - Slides must be marked with at least two unique patient identifiers.
    - Include a completed test requisition and a copy of the cytopathology report.
  - Shipping: Place all slides in plastic slide holder and place slide holder inside foam insert of kit. Secure box and place box in the FedEx UN3373 envelope. Fill out all paperwork, waybill and commercial invoice. There must be 2 copies of the commercial invoice along with the original sent out. When ready, please call for pick up.
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### Thyroid Formalin-fixed paraffin-embedded (FFPE) tissue specimens:

- Requirements:
  - Submit 1 H&E slide and 6 unstained slides containing at least 3 mm of tumor cut at 4-5 microns.
  - Slides must be marked with at least two unique patient identifiers.
  - Include a completed test requisition and a copy of the surgical pathology report.
- Shipping: Place all slides in plastic slide holder and place slide holder inside foam insert of kit. Secure box and place box in the FedEx UN3373 envelope. Fill out all paperwork, waybill and commercial invoice. There must be 2 copies of the commercial invoice along with the original sent out. When ready, please call for pick up.

**For any specimen collection or shipping questions,  
please contact TMTc at 1-833-693-8960 or info@groupmtc.com.**