

# THYROID FNA COLLECTION GUIDELINES

Before starting the procedure:

- Use a TissueTek Pencil to label 2 slides with 2 patient identifiers
  - Patient last name, first initial
  - Date of birth

If multiple sites:

- Designate different sites as “A”, “B”, “C”, etc
- Indicate on the requisition or EPIC order the location of each site (e.g. *right upper lobe thyroid*)
- Label slides and Cytolyt tube with the appropriate letter (“A” “B” “C”, etc)

## FNA PASS

EPIC ORDER: FNA (PATH9)

Prepare 2-3 air dried smears. Rinse remainder of the material in the Cytolyt vial.

SLIDES (x2-3) +



If the specimen clots:  
Place clot into formalin. Label with patient info + specimen site

### ADDITIONAL TESTING ON FNA

#### AFIRMA

- Note in EPIC Afirma is desired.
- Complete Afirma paperwork.
- Prepare slides & rinse as above

SLIDES + Cytolyt

- Collect 2 additional passes into the Veracyte vial.
- Send paperwork, slides and materials.

Note: Afirma can be held at room temperature for 72 hours but must be frozen after that.



#### ThyGenX/ThyraMIR

- Note in EPIC ThyGenX/ThyraMIR is desired.
- Complete ThyGenX/ThyraMIR paperwork.
- Prepare slides & rinse as above

SLIDES + Cytolyt

- Collect 1-2 additional passes in the RNA Retain vial.
- Send paperwork, slides and materials.

**Deliver to Surgical Pathology**

## Thyroglobulin Needle Rinse

EPIC ORDER: TGWASH

Label 50 mL conical tube with patient info & specimen site

Fill with 1mL normal saline. Do not exceed 1.5 mL. (Alternately, a 2 or 10 mL prefilled syringe of saline can be used. Do not fill conical tube with saline prior to collection. Draw 1mL into the needle following smears and eject into the conical tube.)

Obtain FNA sample and prepare smears as usual. DO NOT rinse needle in Cytolyt.

Rinse needle with normal saline (draw up and expel saline 2-3 times).

SLIDES (x2)

+



**Deliver to Clinical Lab**

## PTH Needle Rinse

EPIC ORDER: LABPTHFNA

**IMPORTANT: Sample must be received within 1 hour of collection.** If not possible, please refer the patient to the FNA clinic or radiology for collection.

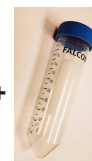
Label conical tube with patient info & specimen site. Fill with 1mL normal saline Do not exceed 1.5 mL. (Alternately a prefilled saline syringe may be used. Don't fill conical tube with saline prior to collection. Draw 1mL into the needle following smears and eject into the conical tube.)

Obtain FNA sample and prepare smears as usual. DO NOT rinse needle in Cytolyt.

Rinse needle with normal saline. (Draw up and expel saline 2-3 times).

Put on ice and transport immediately.

SLIDES (x2) +



### IMPORTANT PATIENT INSTRUCTIONS:

Patient preparation: 12 hours before the test, do not take multi-vitamins or dietary supplements containing biotin or vitamin B7 (commonly found in hair, skin and nail supplements)

**Deliver to Clinical Lab**

## Flow Cytometry

EPIC ORDER: FCPATH (PATH24)

If RPMI and immediate frozen transport is not available, please refer patient to FNA clinic for collection.

Label 15-50 mL conical tube with patient info & specimen site

Fill with 10mL RPMI

Obtain FNA sample. Do NOT prepare smears. Rinse material into RPMI.

Put on ice and transport immediately.

### Deliver to Surgical Pathology

#### Microbiology

EPIC ORDER: VARIES

Label anaerobic tube with patient info & specimen site.



Obtain FNA sample. Do NOT prepare smears. Rinse material into tube.

Place EPIC order for desired testing

**Deliver to Clinical Lab**