

Hunterdon Medical Center Laboratory T-SPOT.TB

T- Spot Suggested Work Flow

Create separate lab order for T-Spot test. Create another order for any other testing

Draw T-Spot and any other labs you need. T-Spot must be filled to fill line. Invert T-Spot tube 8-10 times.

Do not spin the tube. Place the corresponding order into the specimen bag with T- spot sample.

Handle the other specimens as usual.

Keep the T-Spot samples separate from other HMC lab specimens- place a GREEN flag in the bag to differentiate it from other specimens going to HMC lab.

When the courier arrives please present the T spots specimens and advise the courier they are to be kept at **room temp.** The green Flag will remain with the sample to alert the courier. It will be returned you by courier the next day.

After hour Courier pick up from Lab Box outside; proceed as follows:

Place only the T-Spot specimen bags (separate from other HMC lab specimens) into the "Oxford Immunotec" cardboard Temperature Stabilization box.

- a. Place the Liquid Pack in the insulated container.
- b. Place biohazard blue lab bag containing the specimen on top of the Liquid Bag.
- c. Place Solid Pack on top of biohazard blue lab bag.
- d. Close the Foil flap over the Solid Pack.
- e. Close the lid of the insulated container.

Place the cardboard box into the HMC lab box outside with your other specimens, vertical placement works best.

The courier will take the T-Spot samples out of the "Oxford" box and leave the empty box behind.

You will need to retrieve the empty box in the AM.

The courier will keep the T-Spot samples at room temperature during delivery to HMC Lab.

T-Spot samples cannot be held overnight! T-Spot cannot be Drawn on Sundays!

When you run low on T Spot tubes or green flags- send an Email Lynn Furman at LFurman@hhsnj.org and they will be sent to you by courier. Thank you!

➤ **General Information on T-Spot**

The T-SPOT.TB test is a blood test also known as an interferon Gamma Release Assay (IGRA), that detects the immune response of T cells found in peripheral blood mononuclear cells (PBMCs) that have been sensitized to *M. tuberculosis* antigens.

➤ **Solid and Liquid Packs**

Determine the state of each pack.

Confirm that the solid Pack is solid and the Liquid Pack is liquid.

- a. If the Liquid Pack is solid, melt the pack back by placing it in warm water.
- b. If the Solid Package is liquid, solidify the pack by placing in refrigerator.

Note: After conditioning, please allow the packs to sit at room temperature for 30 minutes while preparing the specimens. This will ensure that the packs are within the specimen storage requirements for transit.

Notes:

- **T-Spot tubes do not need to be spun.**
- **T-Spot samples cannot be held overnight in practice!**
- **Order of draw- The T-Spot is drawn after red/speckled and before lav/pink**
- **Example: Blood cx/ lt blue/red/ speckled/tspot/lav/pink**