

NICOTINE TEST SPECIMEN COLLECTION PROCEDURE

SPECIMEN COLLECTION

The COT (NICOTINE Test Device) with pipette is formulated for use with urine specimens & is a lateral flow chromatographic immunoassay for the detection of Nicotine in human urine at a cut-off concentration of 200 ng/ml. Fresh urine does not require any special handling or pretreatment. Urine samples should be collected such that testing may be performed as soon as possible after the specimen collection, preferably during the same day. The specimen may be refrigerated at 2-8°C for 2 days or frozen at -20°C for a longer period of time. Specimens that have been refrigerated must be equilibrated to room temperature prior to testing. Specimens previously frozen must be thawed, equilibrated to room temperature, and mixed thoroughly prior to testing.

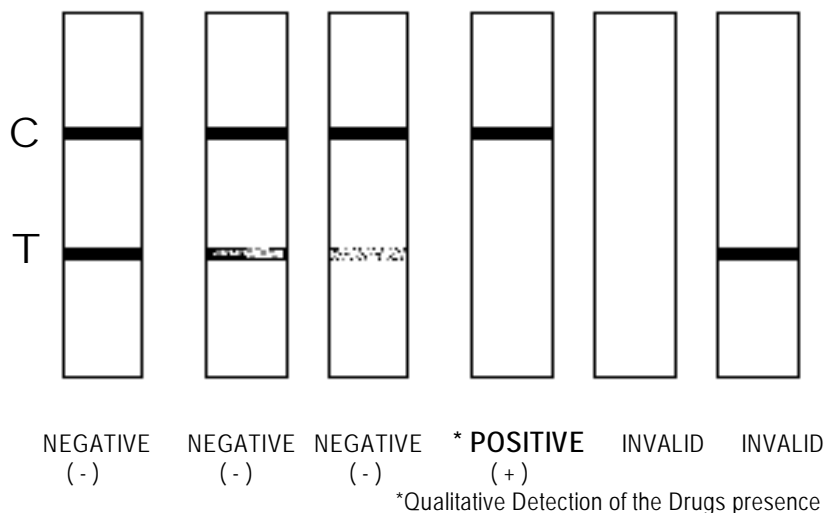
Note: Urine specimens, and all materials coming in contact with them, should be handled and disposed as if capable of transmitting infection. Avoid contact with skin by wearing gloves and proper attire.

TEST PROCEDURE

Review "Specimen Collections" instructions. Test device, patient's sample, and controls should be brought to room temperature (20-30°C) prior to testing. Do not open pouch until ready to perform the assay.

1. Remove the test device from the protective pouch (bring the device to room temperature before opening the pouch to avoid condensation of moisture on the membrane). In the spaces provided, label the device with patient or control identifications, operator and date.
2. Pipette 3 drops of urine in the specimen well (S), wait a few seconds & you will notice a pink color begins to migrate across the result windows (approximately 30 seconds).
3. Read results after 5.

INTERPRETATION OF RESULTS (and Test Line Intensity)



Negative:
Two colored lines appeared in the viewing window. The line in the test region (T) is the drug probe line; the line in the control region (C) is the control line, which is used to indicate proper performance of the device. **The color intensity of the test line may be weaker or stronger than that of the control line.**

Positive:
 Only one colored line appears in the control region (C). The **absence** of a test line indicates a (qualitative) positive result for that drug.

Important: These screening devices will give you a qualitative result, all positives should be confirmed by an alternative method such as GC/MS (gas chromatograph/ mass spectrometry) which is done by a SAMHSA Certified Lab. For information or to order a GC/MS confirmation kit call us at 1-866-526-2873.