

## How to use ICT <sup>1</sup>

### Materials

ICT kit  
contains these  
materials

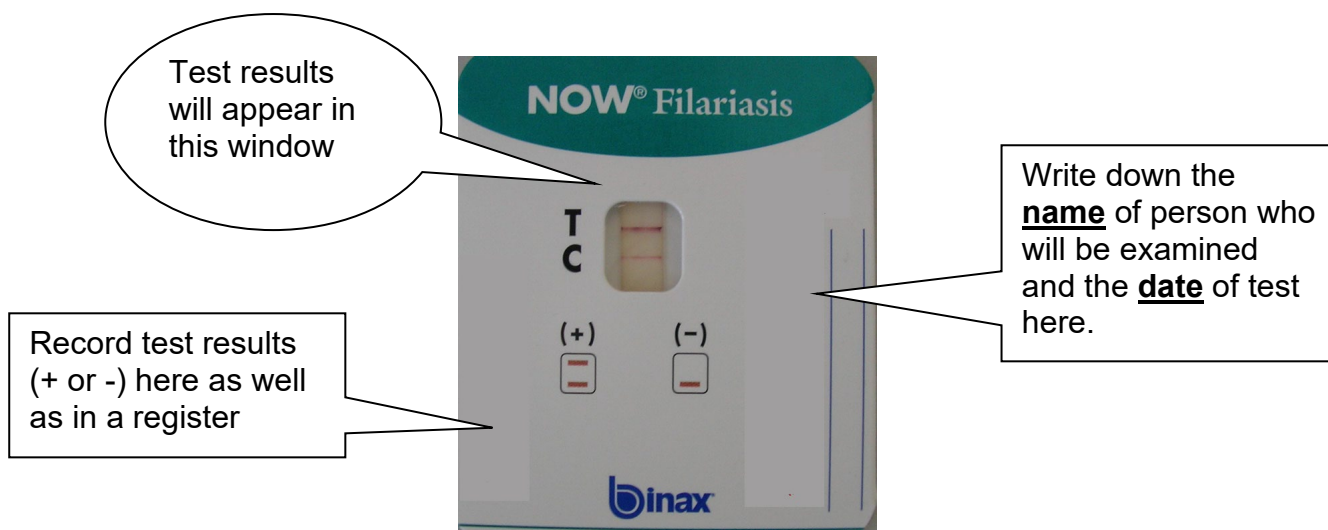
- ☐ ICT test card
- ☐ Gloves
- ☐ Sterile blood lancets
- ☐ 100ul heparin coated capillary tubes
- ☐ Alcohol wipes
- ☐ Clean cotton wool
- ☐ Sharp container
- ☐ Yellow plastic bag for collecting biohazardous waste
- ☐ Permanent marker
- ☐ Timer or watch

### Procedure

1. Collect all materials (supplied with the card) necessary for the test and prepare your working area.
2. Remove the card from the silver pouch just before use.
3. Write the name of person who will be examined and the date of test on the front of test card (use a pen).
4. Open the test card and lay it flat.
5. Wear gloves.
6. Collect blood sample by finger prick into the 100ul capillary tube (**full**).
7. Add all the blood in the capillary tube **onto the top (white area)** of the pink and white pad on the left hand side of the test card. **Slowly** drop by drop. The tip of the tube can touch the pad.
8. **Wait until the blood has reached the pink area.** This may take one minute or so. If you do not wait, the test may result in invalid.
9. Remove the adhesive on the right hand side of the card and close the card.
10. Press firmly along the window of the card from right to left and the top to the bottom.
11. **Start timing.**
12. Read the result through the window **at 10 min.** You must read the result at 10 min to ensure the validity of test.
13. Record the result on the ICT card and on a register.
14. Discard the used capillary tube and lancet into the sharp container. The rest should be collected in the yellow plastic bag.
15. Keep the test card and inform the examinee of his or her result.

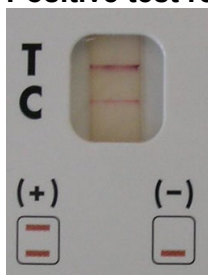
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<sup>1</sup> Adapted from protocols at Mataika House and PacELF Office, Suva, Fiji.



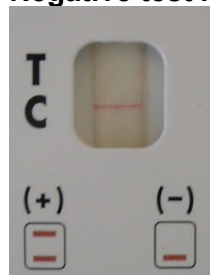
## Interpretation of results

### Positive test result



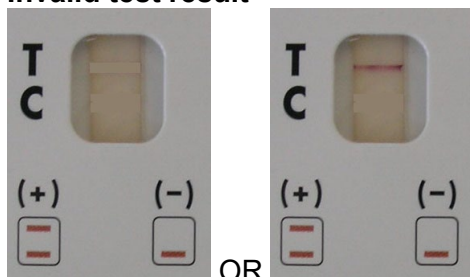
When two lines (both T and C) are observed in the window of the card at 10 min, the test is positive. Even if the top line (T) is only slightly visible, the test is considered as positive.

### Negative test result



If only the bottom line (C) appears at 10 min, the test is negative.

### Invalid test result



The test is invalid, if the bottom line (C) does not appear at 10 min (e.g. only the T line or no lines). The test needs to be repeated with a new card.

Manufacturer  
Binax, INC.  
Portland, ME, USA

Product name  
NOW® ICT FILARIASIS  
A rapid immunochromatographic test for the quantitative detection of *Wuchereria bancrofti* antigen