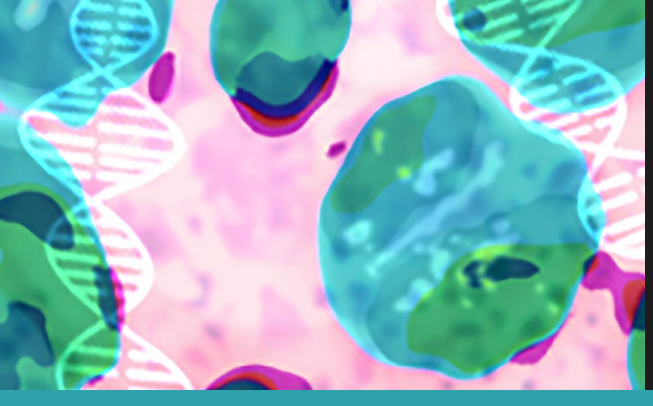


# BIOLINE™ HCV ANTIBODY TEST

# HCVPOCT

National Australian Hepatitis C Point-of-Care Testing Program

## Collection of Capillary Blood and Patient Testing

**For Research Use Only**

**You must wear appropriate PPE** before starting sample collection.

**Always** wear clean PPE for each new testing session.

**Test only one patient at a time.**

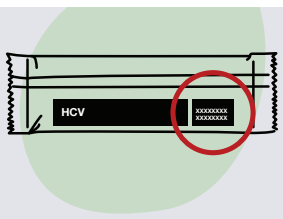
**Always confirm patient identity before beginning.**

## Prepare your work bench with:

- Lab Bench Coat
- Alcohol Skin Cleansing Swabs
- SARSTEDT® Safety Lancet Super
- Cotton Wool Ball
- Bioline™ HCV Antibody Test Cassette
- MICROSAFE® 10uL (Cat No 1010S-100)
- Assay Diluent
- Adhesive Plaster
- Timer

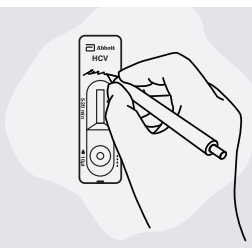
## Preparation and Patient Assessment

**1**




- Check the expiry date of the test strips. If expired discard and use another kit.

**2**

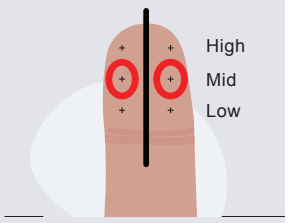



- Remove test strip from pouch and write patient ID on test device.

**3**

- You can encourage patients to warm their own hands by rubbing their hands together, shaking them and performing fist pumps.

**4**



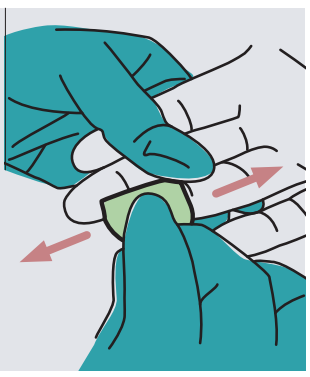

- Determine the best site for taking the sample which is midway either side of the midline of the finger.

## Site Disinfection, Fingerstick and Collection

**1**

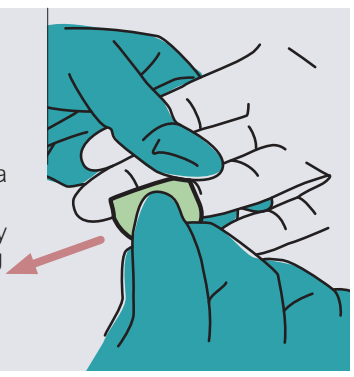
- If hands are visibly soiled and a sink is available ask participants to wash hands with soap and warm water.
- Dry thoroughly.

**2**



- Use 1st swab to clean finger well moving in both directions.

**3**

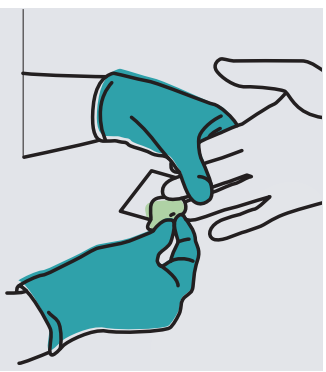


- Use 2nd swab to disinfect finger in a single stroke.
- Let the area air dry before proceeding to puncture

**4**

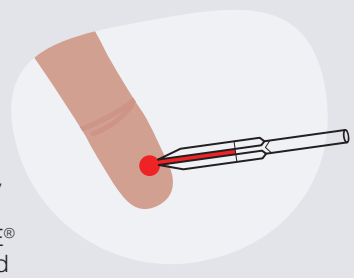
- Hold the finger and press the lancet firmly against the finger when making the puncture.
- Dispose of the lancet in a biohazard sharps container.

**5**



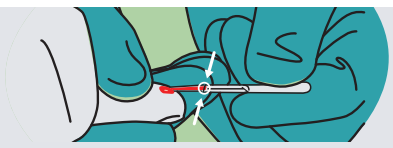
- Wipe away the first drop of blood with a sterile gauze pad or cotton ball.

**6**



- Hold the MICROSAFE® tube horizontally and touch tip of the MICROSAFE® tube to the blood sample.

**7**

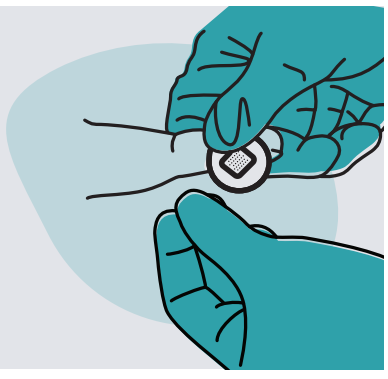


- The MICROSAFE® tube will stop filling once blood has reached air vent indicated by the line. Do not squeeze the bulb or cover air vent during collection.
- Capillary action will automatically draw the sample to the fill line and stop.
- **CAUTION!** Filling is automatic. Never squeeze the tube while sampling.

**8**

- Place a cotton ball on the participant's finger once the capillary tube is full and ask participant to hold it in the place where the fingerstick was performed.

**9**

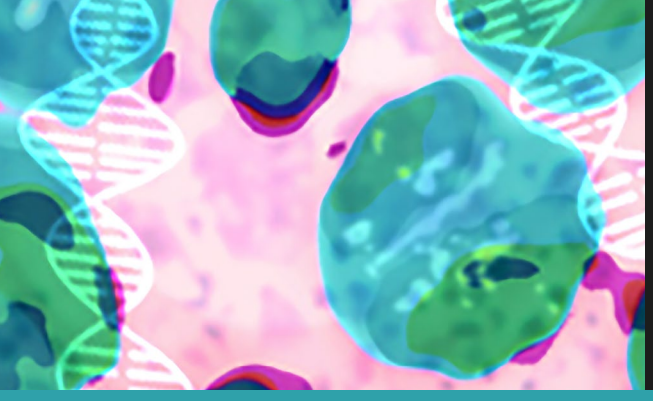


- Place a plaster on the participant's finger.



Phone the Help Desk on **08 8201 7555** if you have any problems

(Flinders University International Centre for Point-of-Care Testing)



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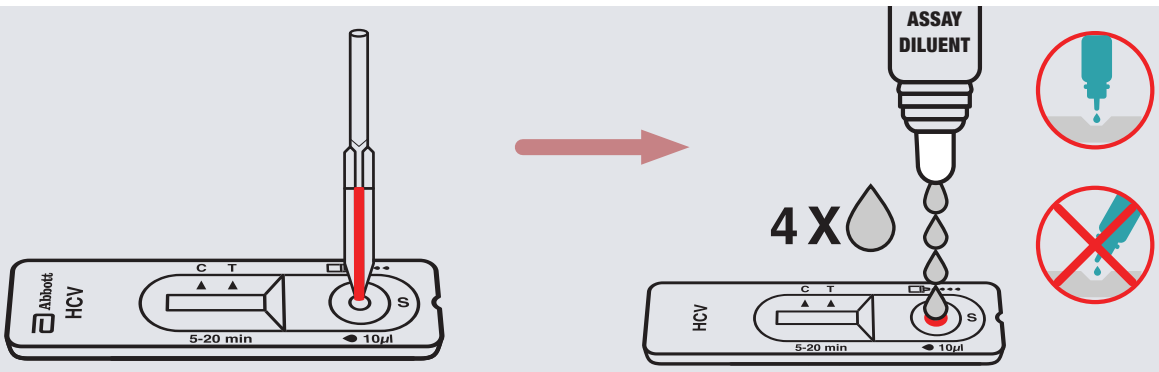
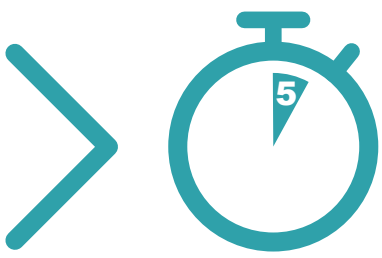
## Sample Application and Starting Test

1




**Caution:**
If you do not hold the bottle vertically, it can lead to inaccurate results. Exactly, 4 drops should be added. Adding more than 4 drops may result in reddish colour background or an invalid result.

- Gently squeeze bulb and apply 10uL of blood from MICROSAFE® Tube into the specimen well marked "**S**".
- Dispense 4 drops of assay diluent into the specimen well "**S**"
- As the test begins to work, you will see purple colour move across the result window in the centre of the test device.




Interpret test results **5 - 20 minutes** after adding assay diluent.

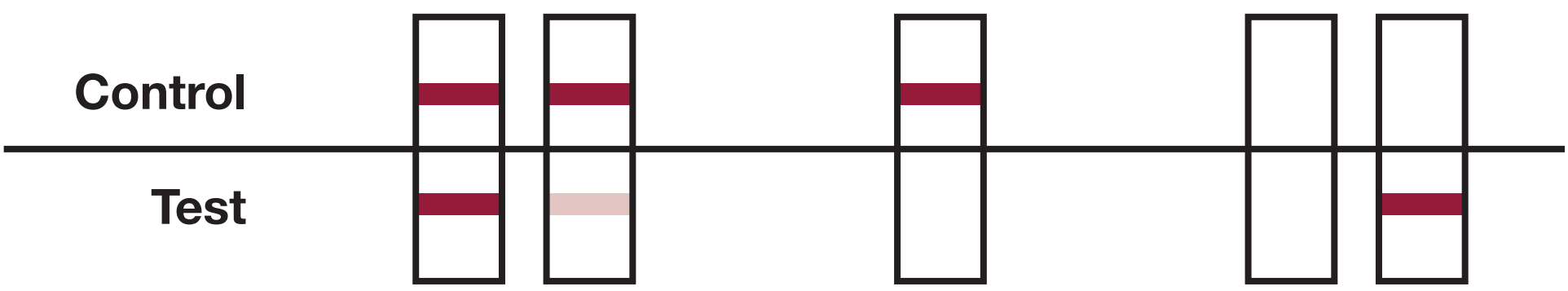
**Do not read after 20 minutes.**


**Caution:**
If the test result is not legible after 5 minutes due to high background color, read again later but within 20 minutes of adding the diluent. Reading outside of this time frame (before 5 min or after 20 min) may result in false results.

## Reading Results

Allow 5 minutes and not more than 20 minutes after the addition of the assay diluent before interpreting results.

| Bioline HCV Results Key | | | |
|---|---|---|---|
| Line | Reactive | Non-reactive | Invalid |




The control bar should appear for all results.
Failure of the control bar to appear indicates that the result is invalid and that patient should be retested with a new test device.



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