

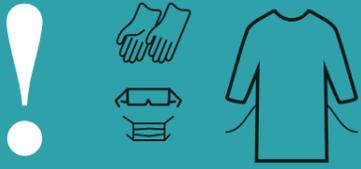
DETERMINE™ HBsAg 2 TESTING

HCVPOCT

National Australian Hepatitis C Point-of-Care Testing Program

Collection of Capillary Blood and Patient Testing

For Research Use Only



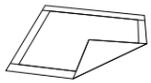
You must wear appropriate PPE before starting sample collection.

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



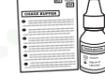
SARSTEDT® Safety Lancet Super



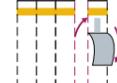
Cotton Wool Ball



Determine EDTA Capillary Tube. (Cat No 7D2227)



Chase Buffer



Determine™ HBsAg 2



Adhesive Plaster



Timer

Preparation and Patient Assessment

1

- Check the expiry date of the test strips, top left corner. If expired, do not use.
- Label the test strip with patient identifiers.
- Tear one strip from the right and remove foil cover.
- Place one strip on a flat surface where the test is to be performed.
- The strip must be used within 2 hours after removing the foil cover.
- Return remaining unused test strips back to foil pouch and reseal.

2

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

3

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

Site Disinfection, Fingertick 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.

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 capillary tube horizontal and touch tip to the blood easily filling the tube.

7

- Filling of the capillary tube is automatic. Maintain the horizontal position until the sample is between the lower and upper fill lines.

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 fingertick was performed.

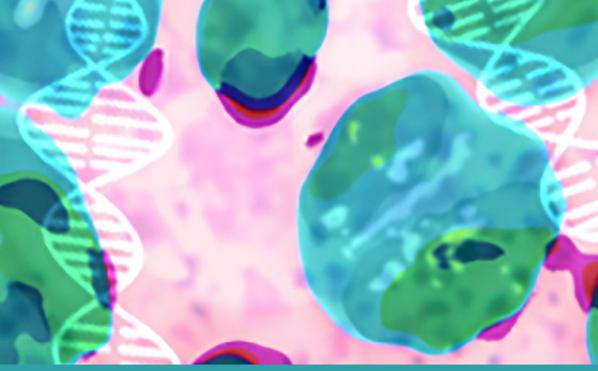
9

- Place a plaster on the participant's finger.

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Phone the Help Desk on **08 8201 7555** if you have any problems
(Flinders University International Centre for Point-of-Care Testing)





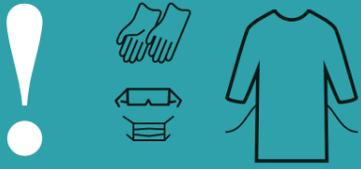
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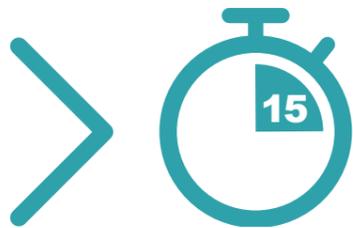
Sample Application and Starting Test

1

- Place the capillary tube containing the blood sample to the middle of the sample pad (marked by the arrow symbol) at an upright (vertical) position.

Caution:
do not lift the capillary tube from the sample pad before all the blood has been transferred – a bubble may form which will prevent the complete transfer of sample and invalidate the test. It may take more than one minute for full transfer of the sample.

- Wait until all the blood is transferred from the capillary tube to the sample pad. Then immediately apply one drop of Chase Buffer to the sample pad, holding the bottle vertically. Do not let bottle tip touch blood sample and device in order to avoid cross contamination.
- Dispose the used capillary tube in biohazardous waste.



Allow 15 minutes and no more than 30 minutes after the addition of the Chase Buffer before interpreting results.



Reading Results

HBV Results Key			
Line	Reactive	Non-reactive	Invalid
Control			
Patient			
Sample Pad			

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