



**Warning!**  
Failure to follow instructions could cause inaccurate results

## Step-1. Open the App and Login

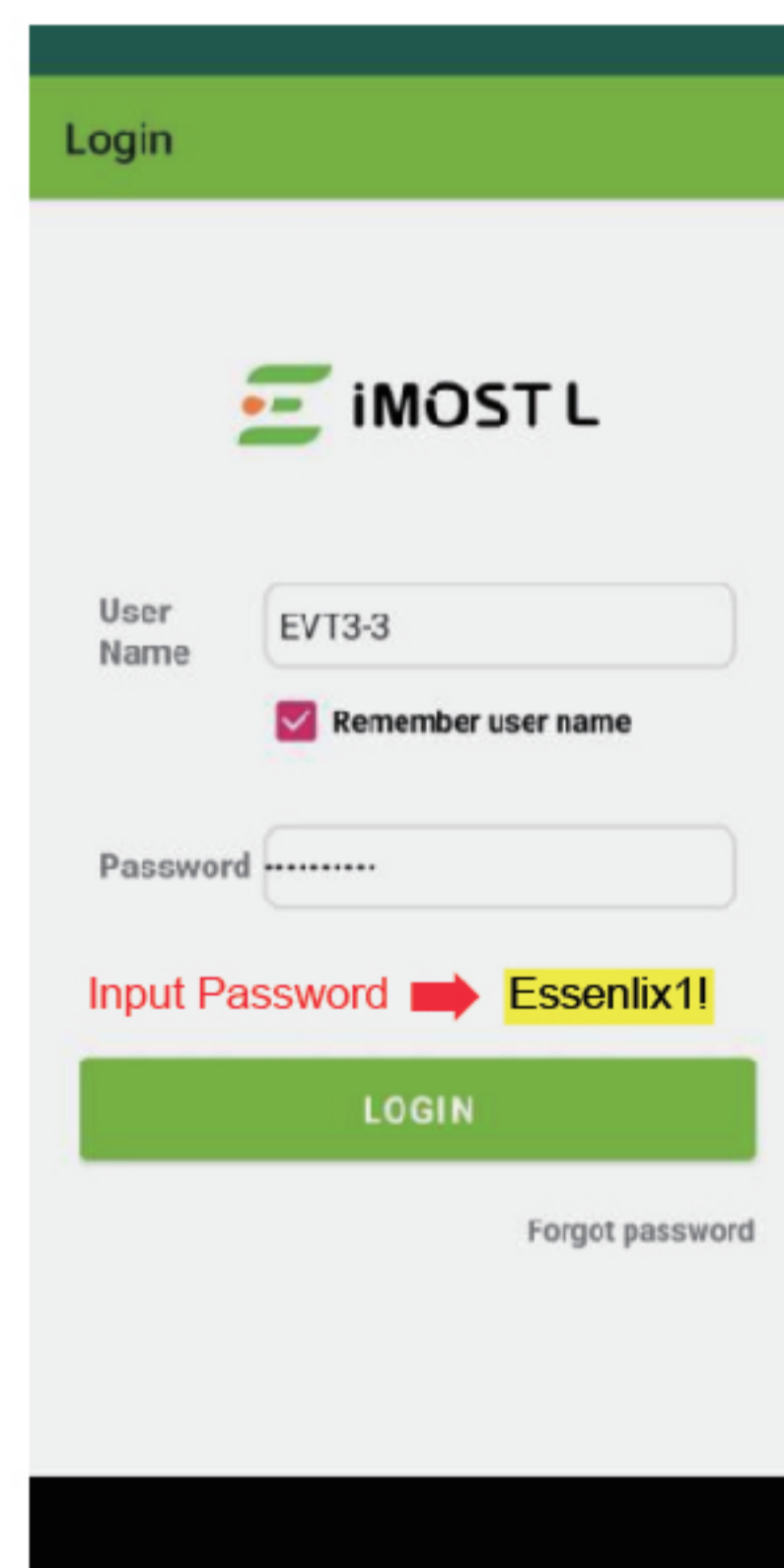
### 1.A Open iMOST App



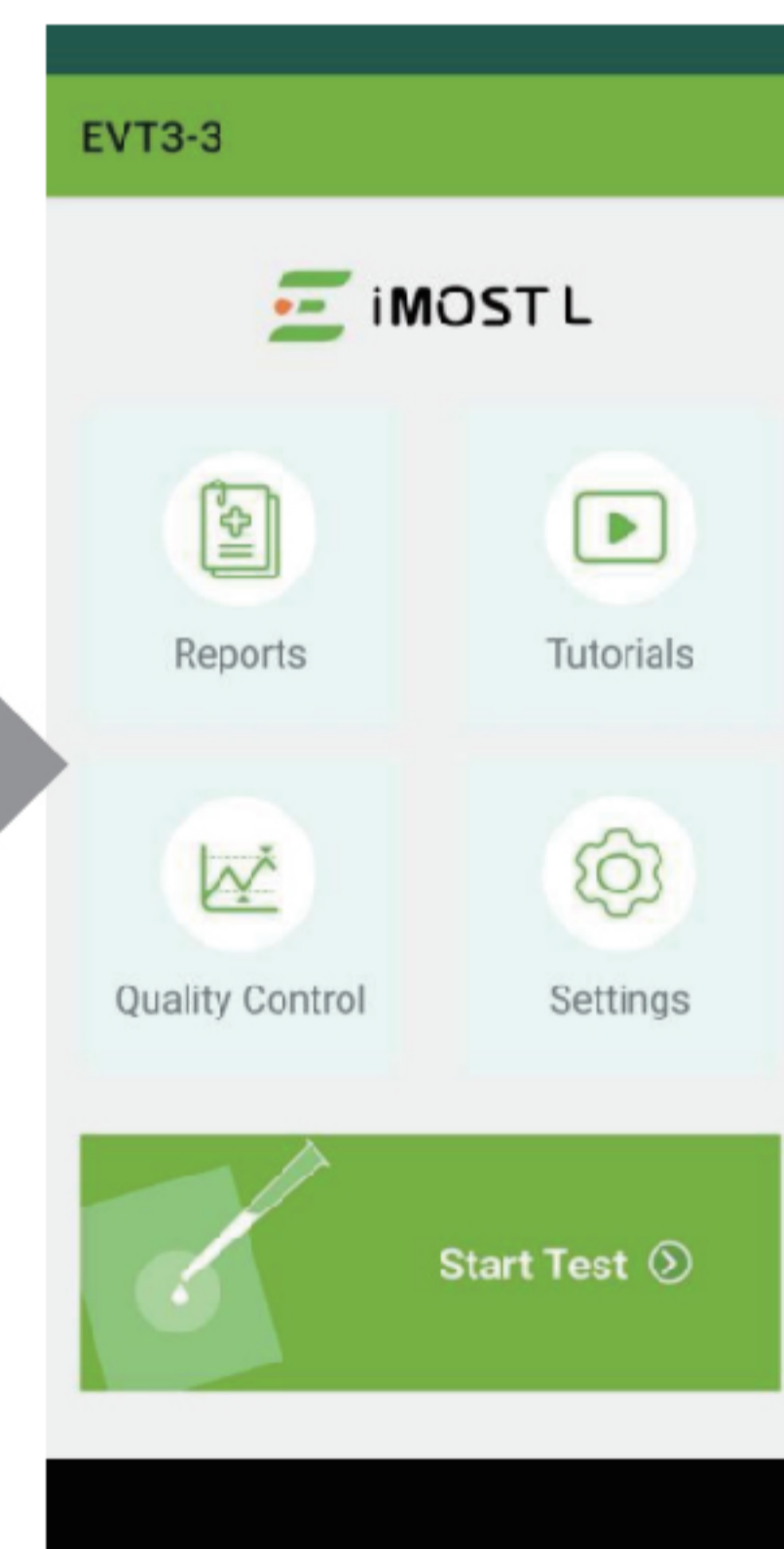
**Warning!**  
Place the iMOST on a flat, stable surface and not move during testing.

### 1.B Login and Setup Test Information

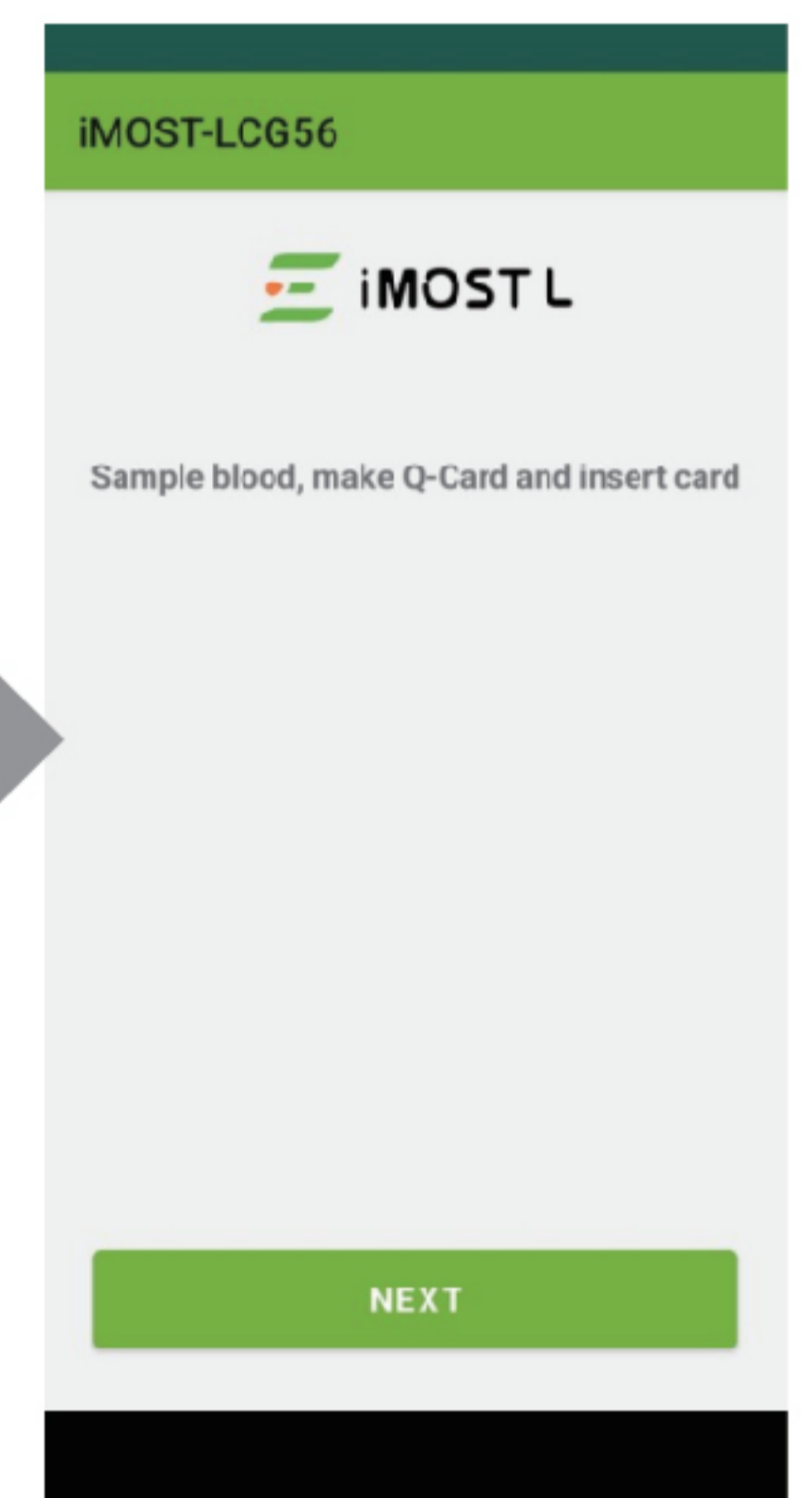
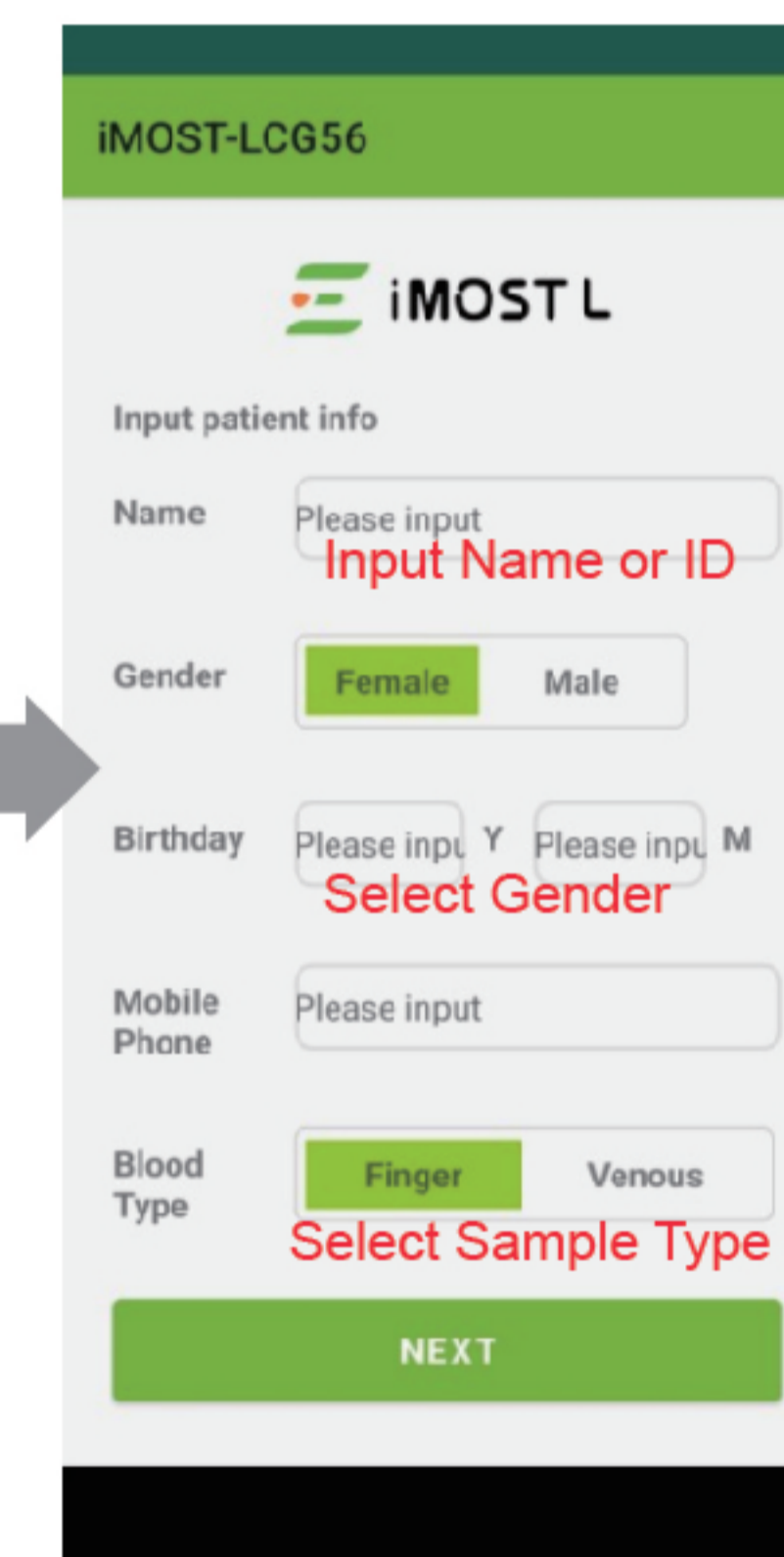
(1) Select **User**, Input Password & **LOGIN**



(2) Click **Start Test**

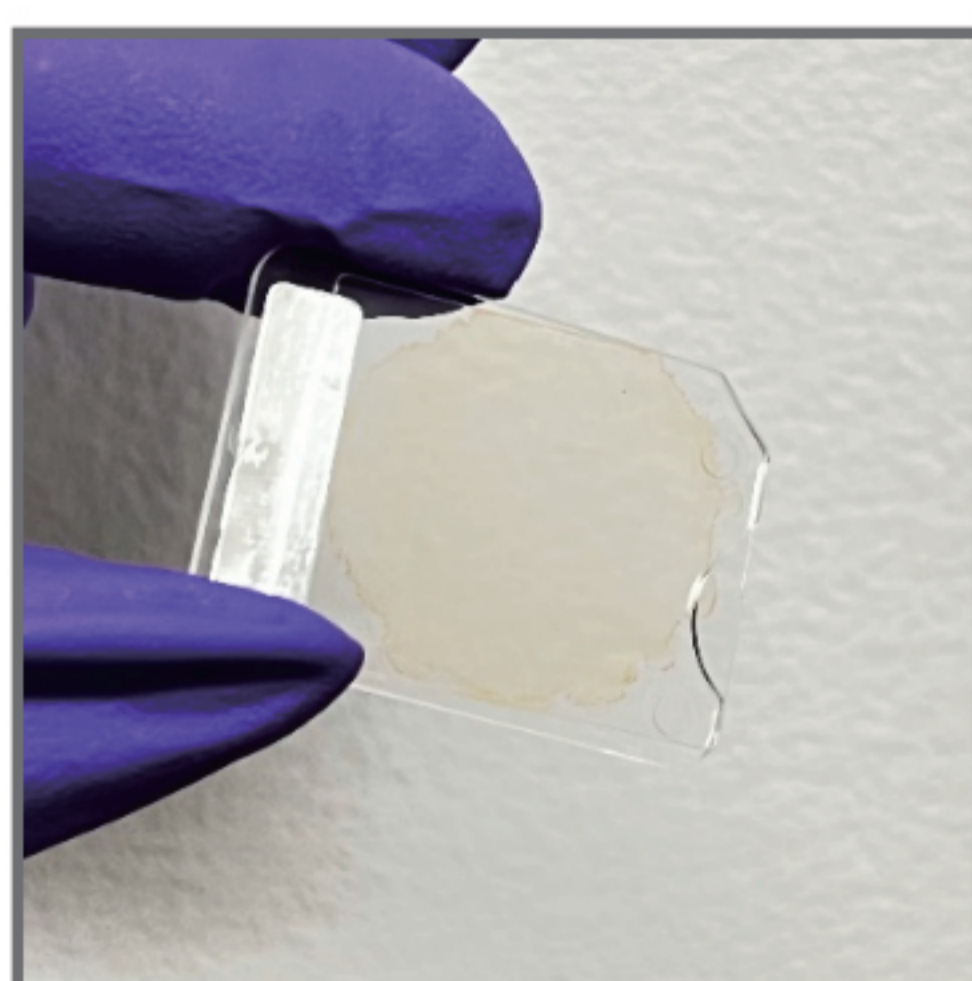


(3) Input Name, Gender, Blood Type Click **NEXT**

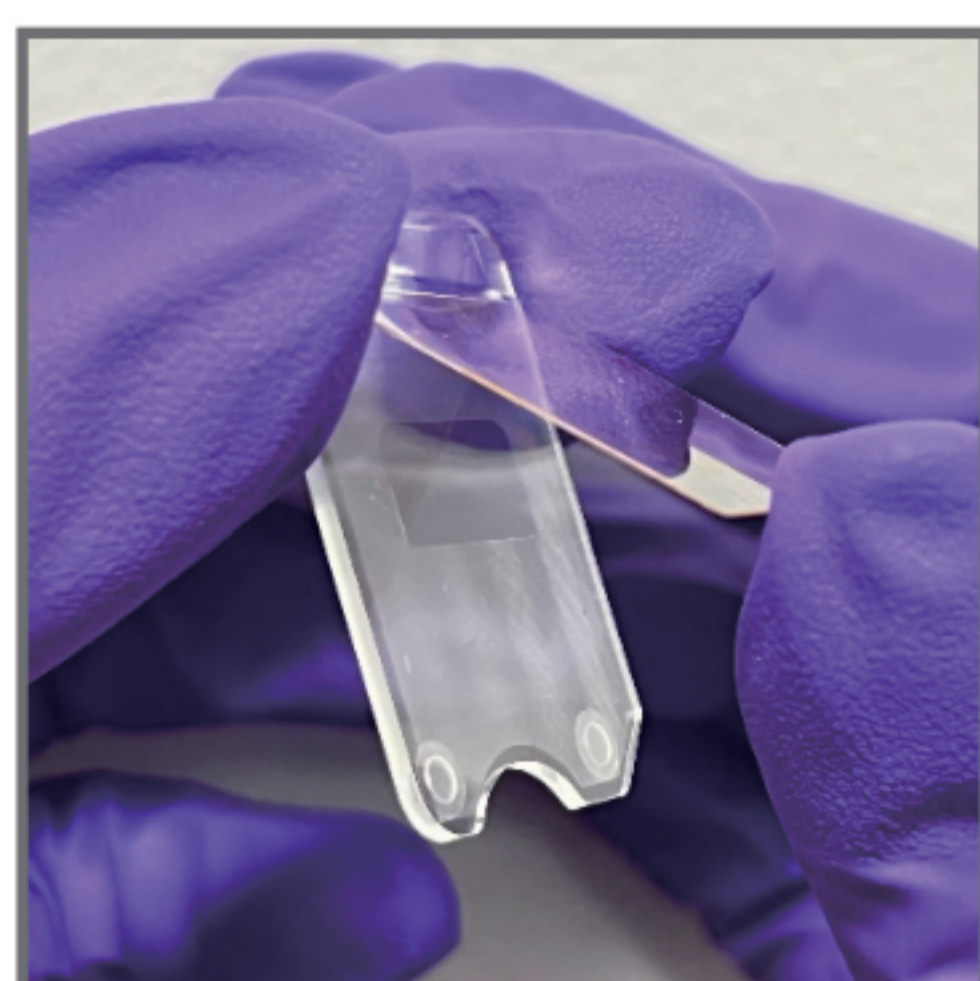


## Step-2. Open and Place the Q-Card

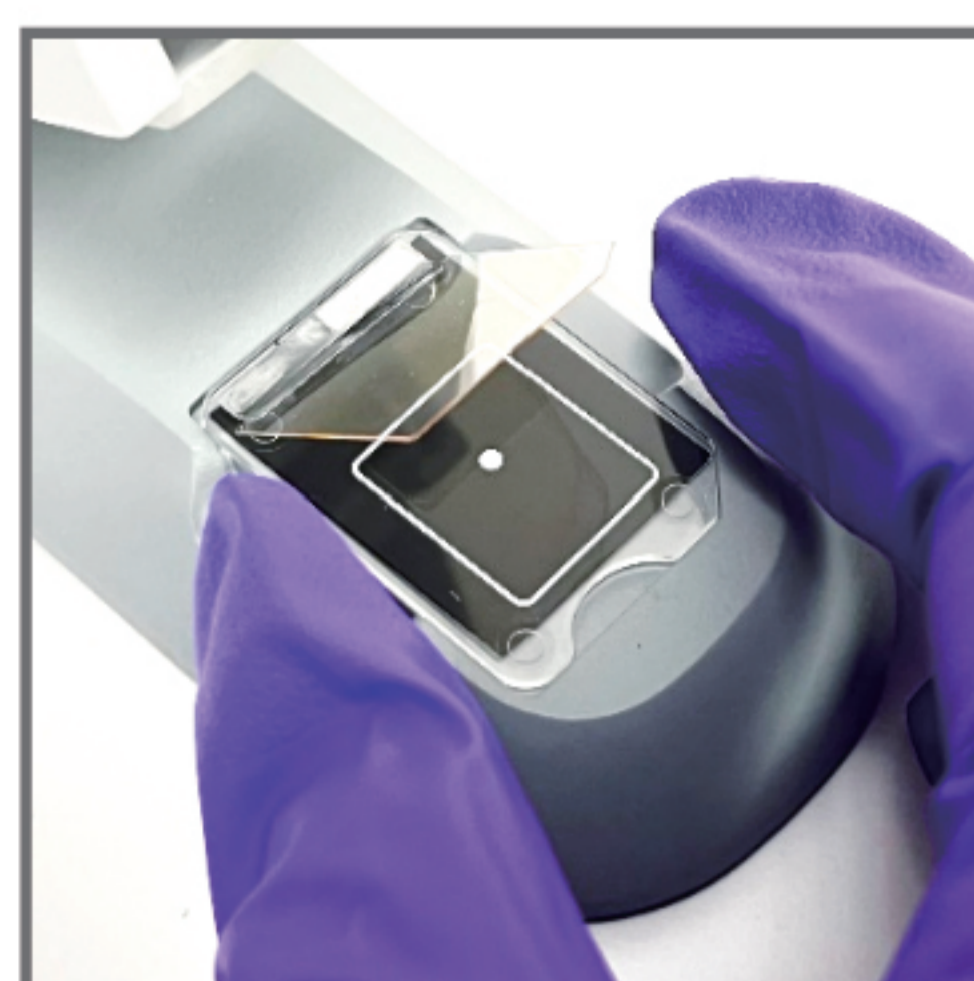
### 2.A Open and Place the Q-Card on the Presser



(a) Hold the Q-Card by its sides with two fingers.



(b) Open Q-Card by lifting the thin film of the top plate at the notch.



(c) Hold Q-Card by its sides.



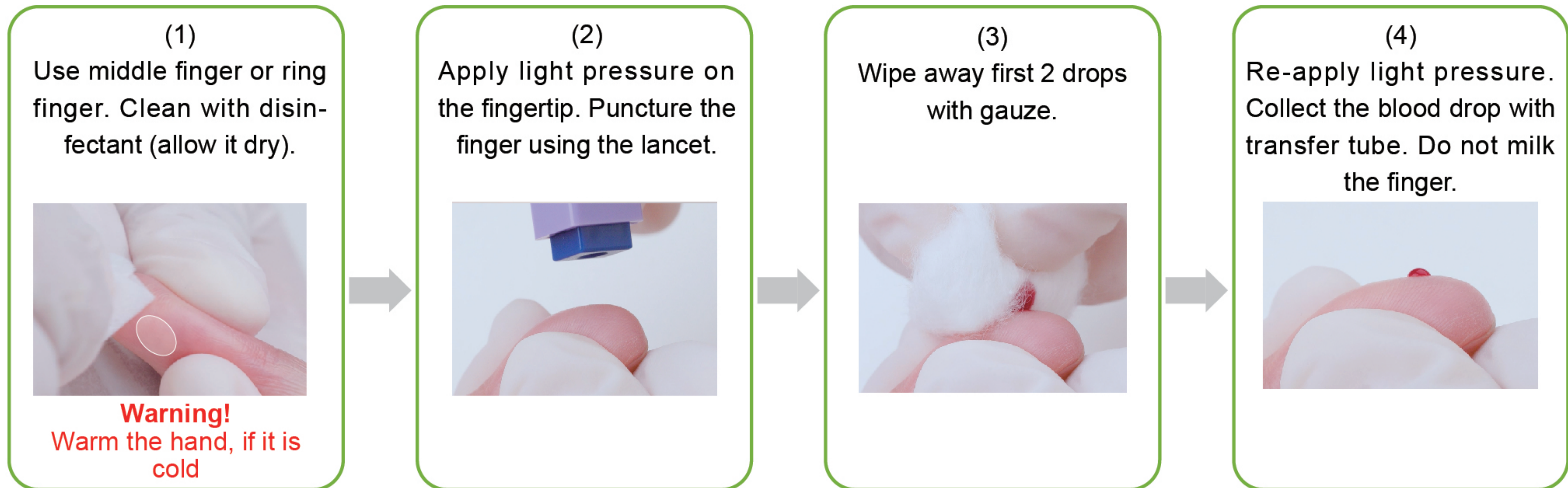
(d) Put Q-Card on and fit in the "Card Slot" of Presser.

**Blood Landing Zone (White Spot)**

**Warning!**  
Never touch the inside surfaces of Q-Cards.

## Step-3.Finger Prick or Venus Blood

### 3.A Finger Prick



\* You can also collect capillary blood into the specific capillary collection tubes recommended by Essenlix.  
Please see the information on the last page.

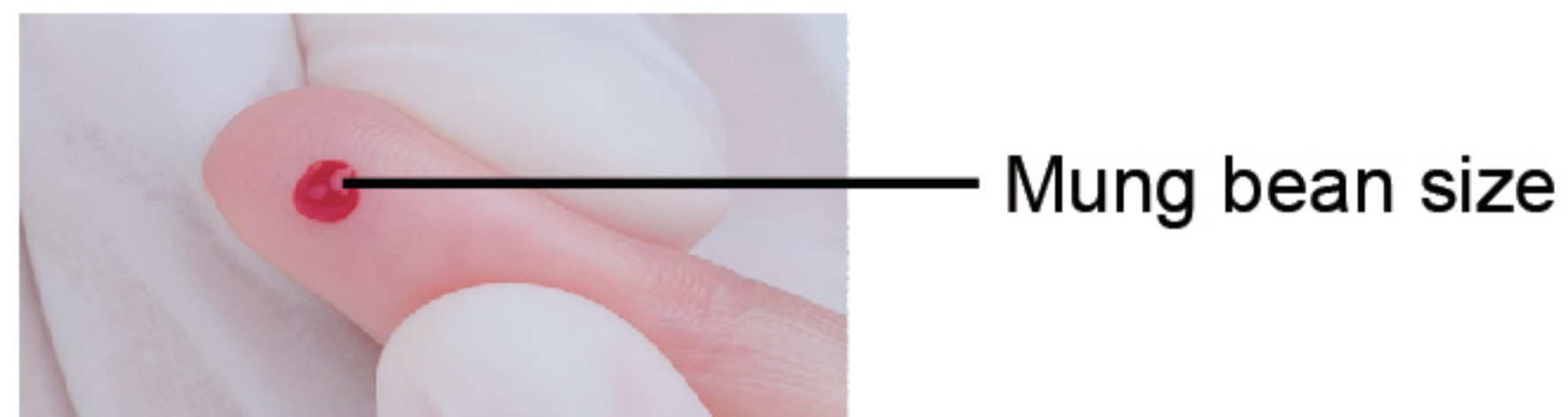
### 3.B Venous Blood

- (1) Draw the venous blood into a standard K<sub>2</sub> EDTA tube. (Collected within 8 hours)
- (2) If the sample was stored in the refrigerator, leave the samples undisturbed at room temperature for at least 30 min.
- (3) Mix thoroughly before dropping on Q-Card by:
  - 3.a Manually gently inverting the tube 10 - 15 times, or
  - 3.b Mixing using a tube rocker for at least two minutes.

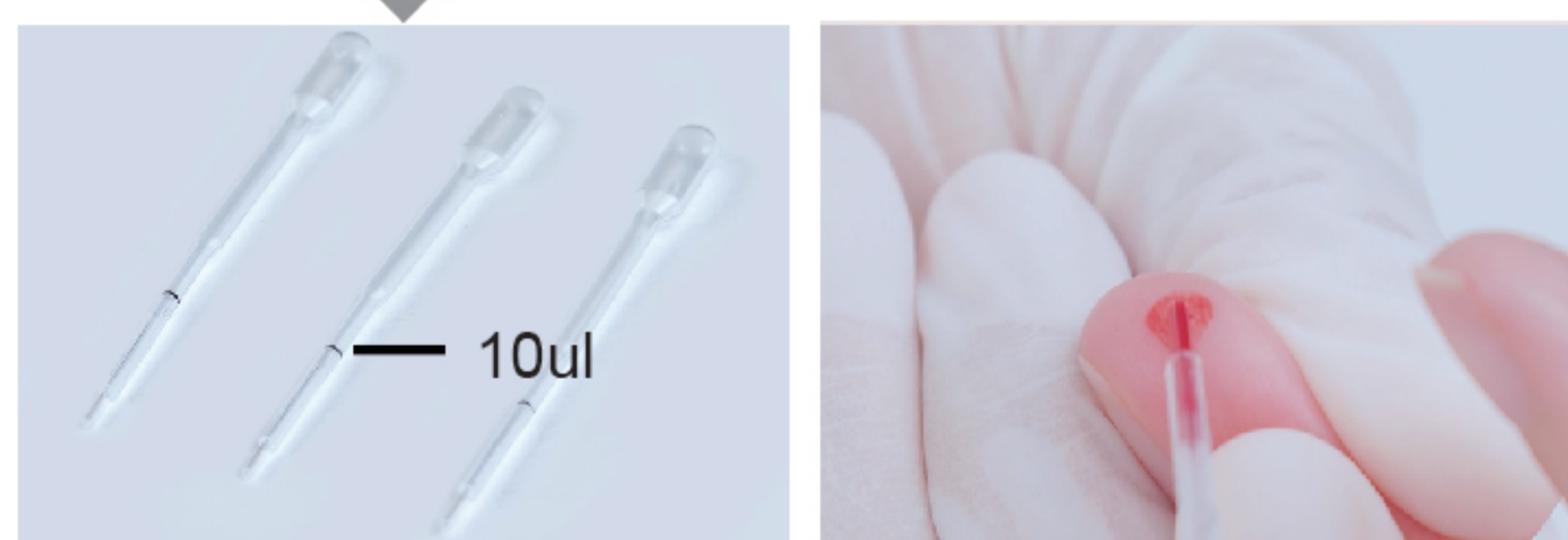
## Step-4.Drop Blood onto Q-Card

### Using Transfer Tube (USE Transfer Tube or Pipette)

(1) Ensure that the blood drop on the finger is large enough to prevent air bubbles during collection.



(2) To collect the blood, touch the tip of the transfer tube or pipette to the blood drop.



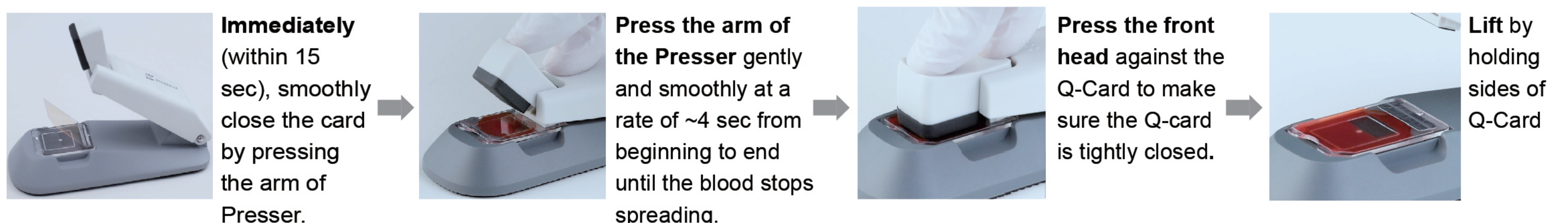
(3) Dispense the blood onto the "blood landing zone" by slowly pressing the plunger of the transfer tube or pipette.



### In the case of using Venous:

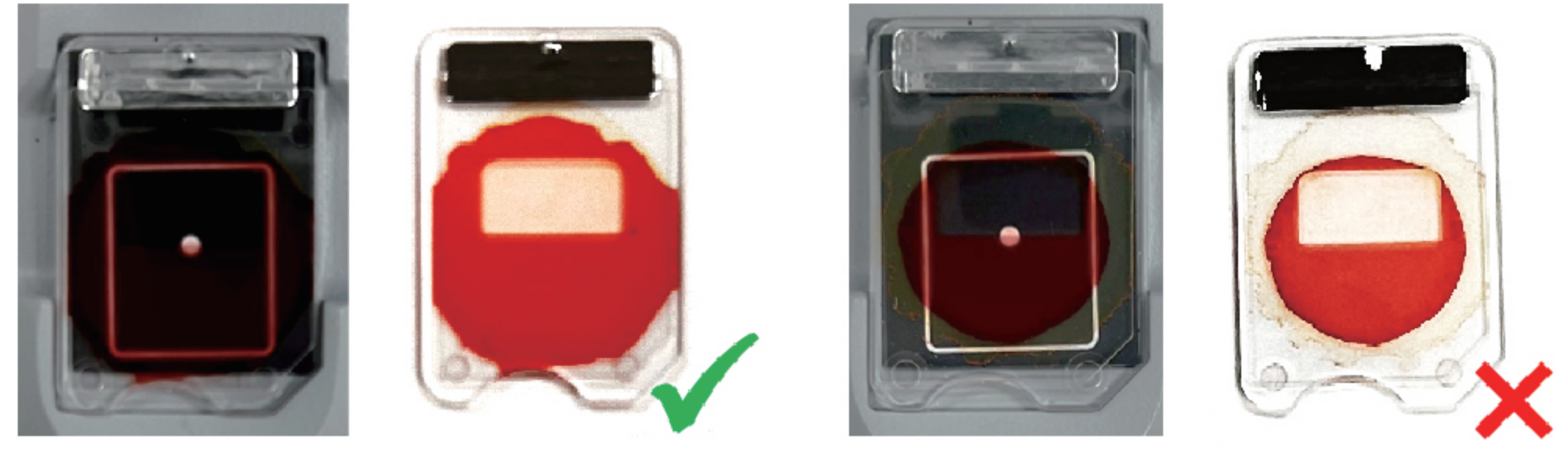
Using the transfer pipette with an attached pipette tip, draw 10 µL venous sample

## Step-5.Close the Q-Card

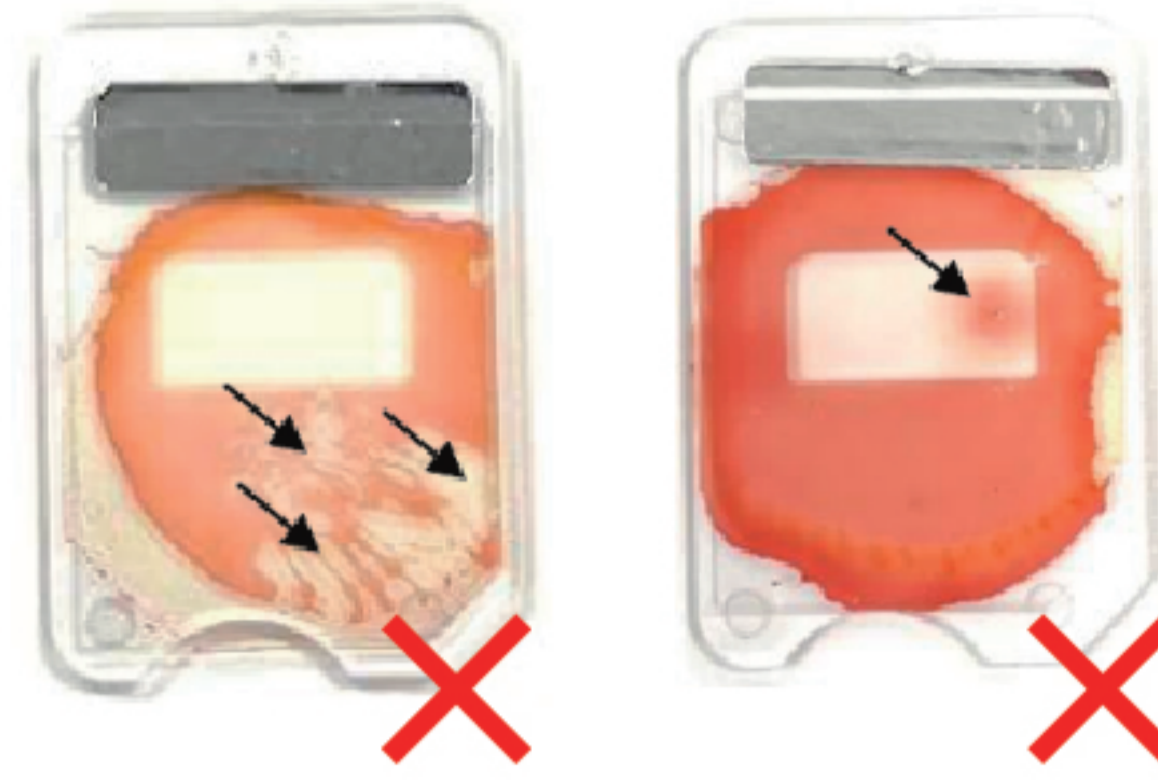


## Step-6. Inspect the Sample in Q-Card

(1) The blood must cover the white reference square, otherwise discard the Q-Card and make a new one.



(2) No large visible air bubble or dust, otherwise discard the Q-Card and make a new one.



**Warning!**

Never reopen the Q-Card before testing. If the Q-Card is accidentally opened, discard the Q-Card and make a new one.

## Step-7. Insert the Card into the Reader

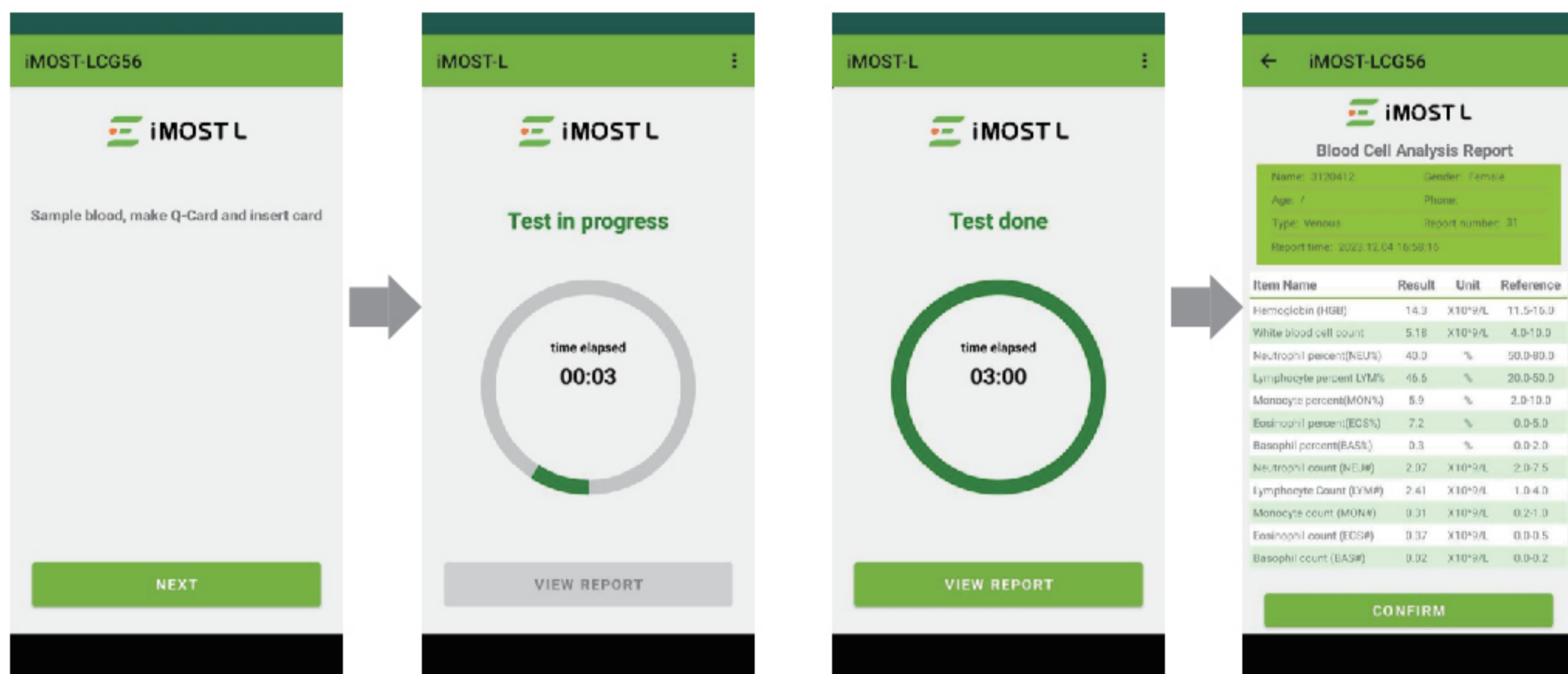
Front side towards you



(1) Immediately, gently insert the Q-Card into the adapter until a physical stop is reached.

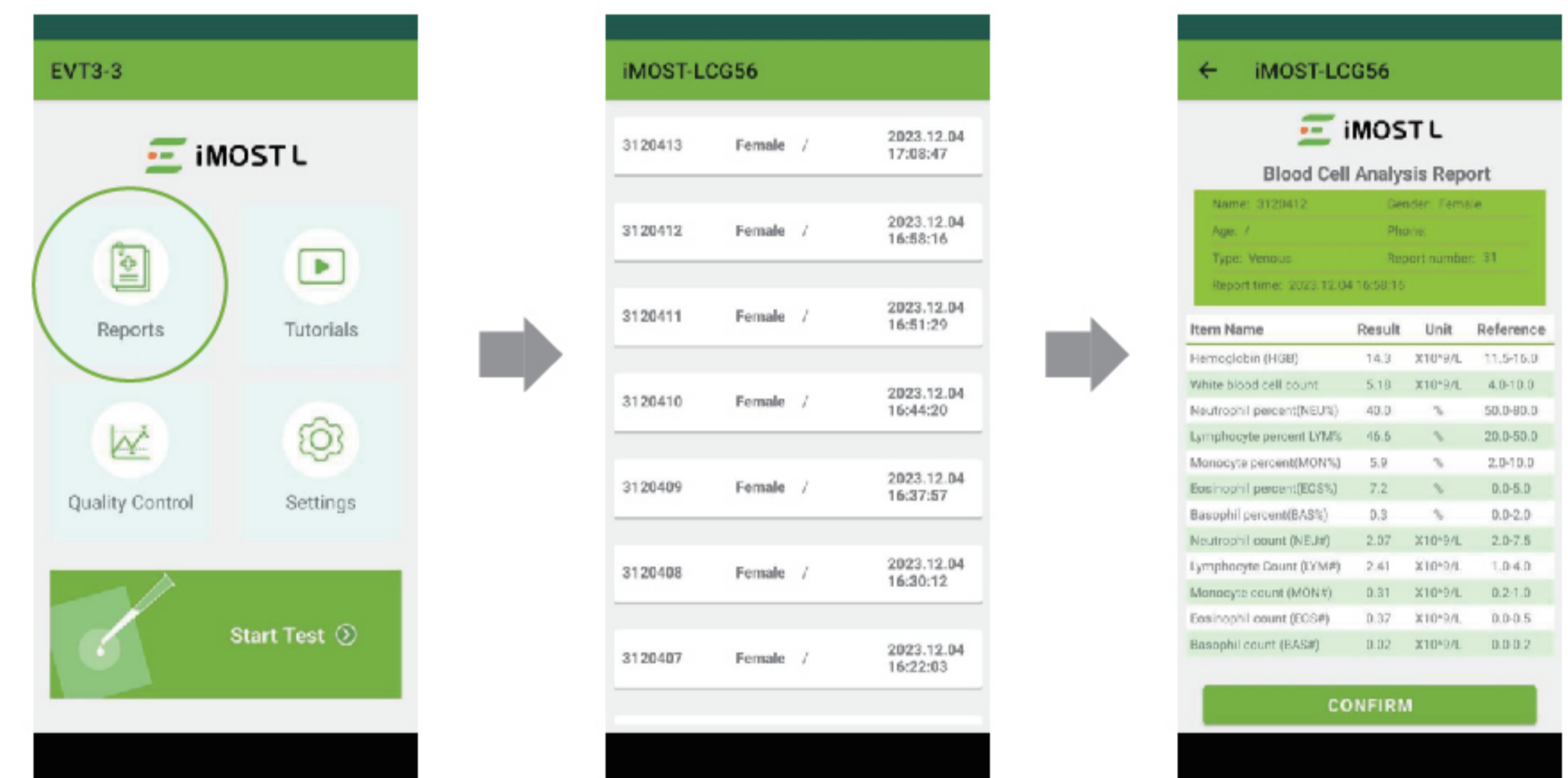
## Step-8. Measure

(1) Click NEXT (2) Wait 2-3 min (3) Click VIEW REPORT (4) CONFIRM



## Step-9. Observe Results

(1) Click REPORTS (2) CLICK Individual Results



## iMOST L Maintenance and Troubleshooting Guide

### Maintenance

Before Test	Charge the system to greater than 20% battery or plug-in.
After Test	Clean the exterior surface of iMOST L with disinfectant reagent, or as required. Note: after wiping, please clean up the liquid residual with tissue.

### Troubleshooting – Error Messaging and Action Required

Symptom	Possible Cause	Action
Warning: wrong Q-Cards	No Q-Card inserted, incorrect Q-Card inserted, or Q-Card inserted incorrectly.	Ensure the correct Q-Card is properly inserted
Warning: Not fully insert Q-Card	The Q-Card is not fully inserted into the slot.	Ensure that the Q-Card is fully inserted until a physical stop is reached.
Warning: Not enough blood	Insufficient blood sample in the Q-Card.	Ensure that an adequate blood sample is placed in the Q-Card.
N/A in certain parameter in "Results"	Certain parameters are rejected due to improper sample, improper card, or defects on the card	Use a new Q-Card, repeat the measurement
N/A in certain parameter in "Results" again	Improper sample for iMOST	Sample this parameter is improper to be tested in iMOST system.
Abnormal noise from inside the device	Foreign matter is present inside the device.	Please turn off the power and unplug the device. Check the Q-Card compartment and heat dissipation holes, then remove any foreign matter.

## Backup: collect capillary blood into the specific capillary collection tubes recommended by Essenlix

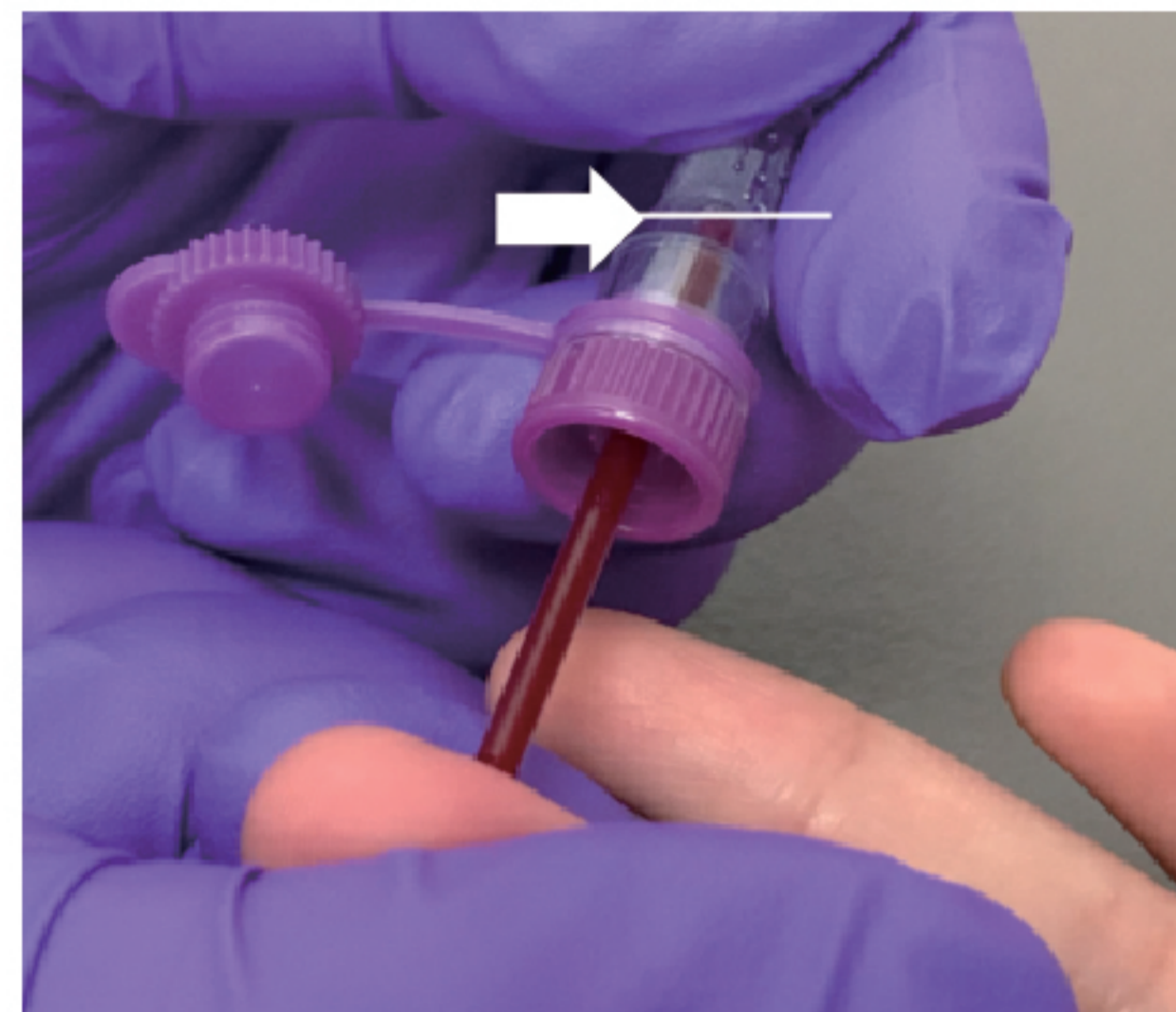
(1)

Keep **Capillary "straw"** at level and collect blood from fingertips (Do not lift it in the middle to avoid air bubbles)



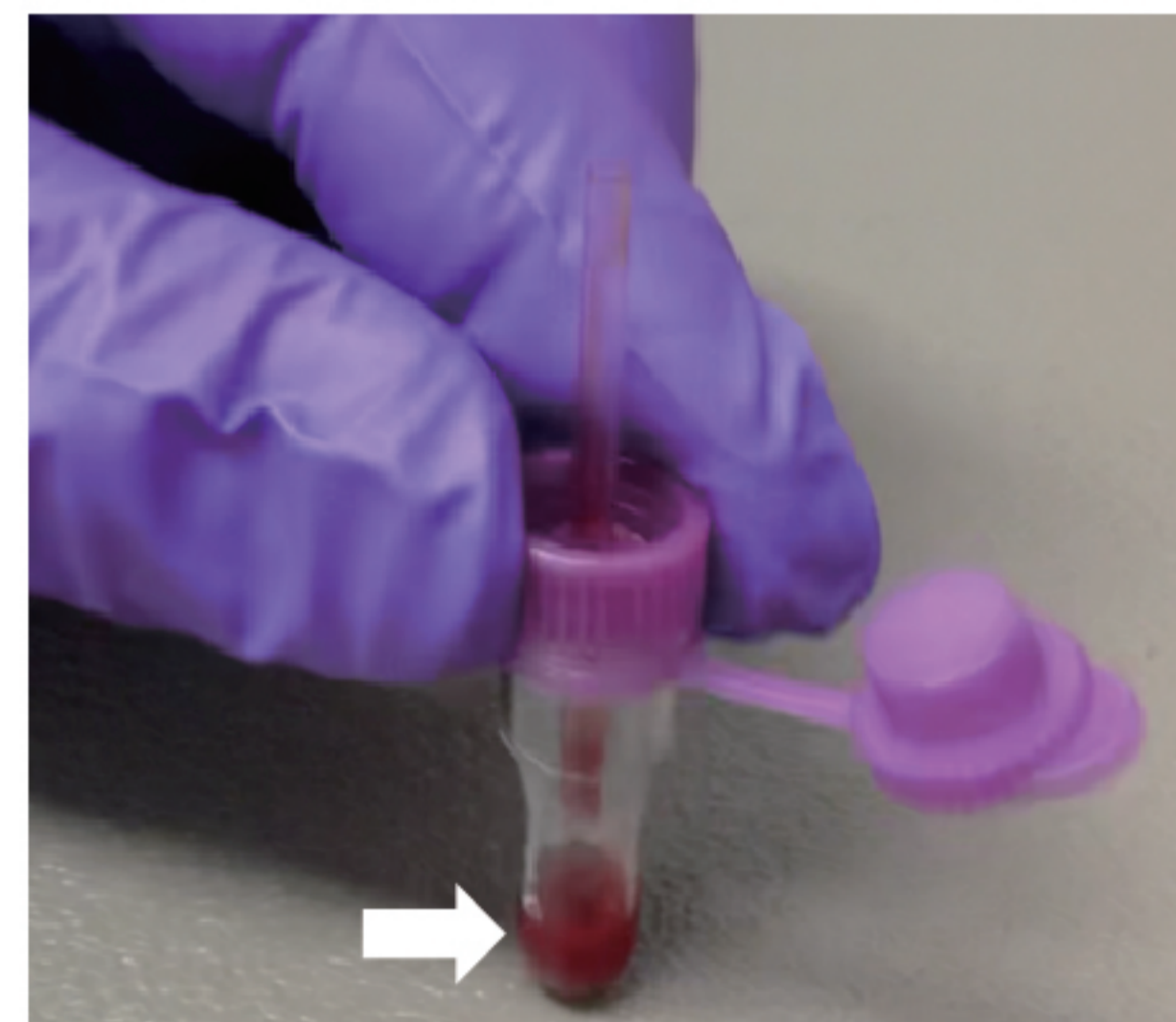
(2)

Until **Capillary "straw"** is full



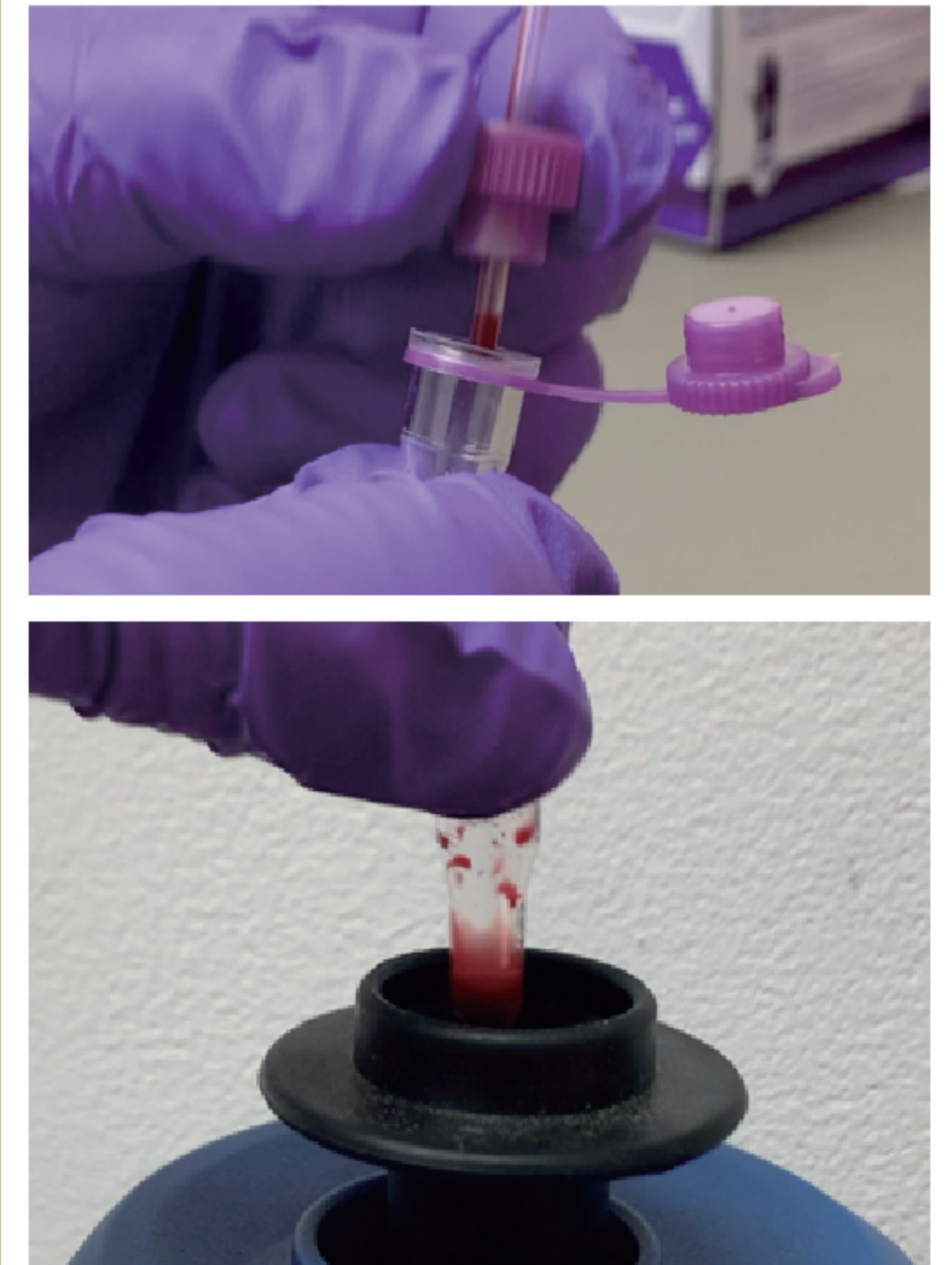
(3)

Tap downward to allow the blood in **Capillary "straw"** to enter the Microtube

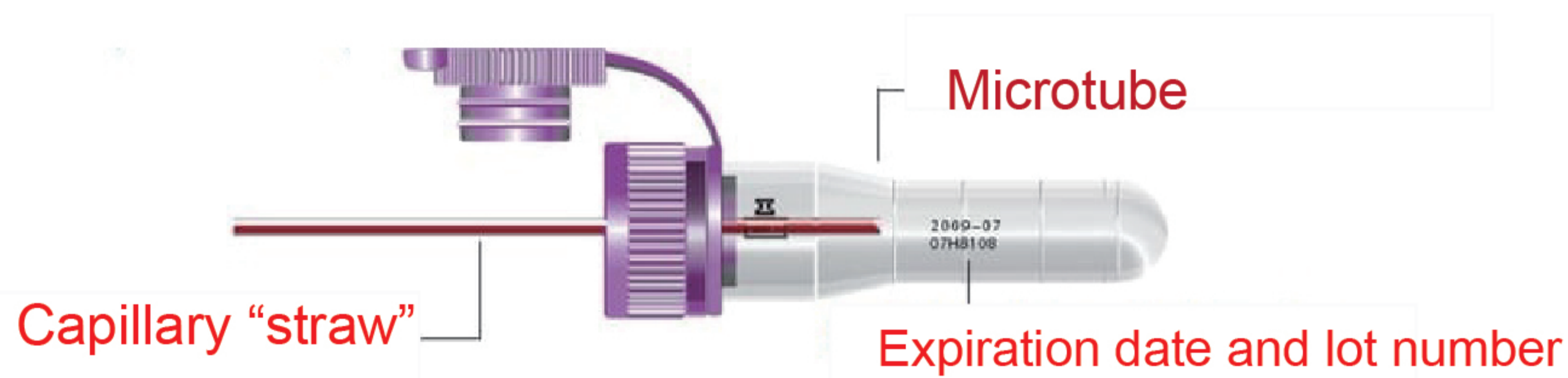


(4)

Discard **Capillary "straw"**  
Close and shake Micro-tube thoroughly



**Shake 4 times using a mixer, or tap 10 times with your finger.**



### Contact with us

#### United States

Essenlix Corporation

Tel: +1 732-274-1020 Fax: +1 732-274-1021 Email: [info@essenlix.com](mailto:info@essenlix.com)

<http://www.essenlix.com/>

#### China

Essenlix Biotechnology Shanghai Co., Ltd.

Tel: +86 21 52049305 Email: [info@essenlix.com.cn](mailto:info@essenlix.com.cn)

<http://www.essenlix.com.cn/>