

Capillary Blood Sample Collection and Application Guidance

For optimal use of the LumiraDx Platform it is important that capillary blood samples are correctly collected and applied to the LumiraDx Test Strip. This document provides additional guidance on sample collection and application. Please read the Platform User Manual and Test Strip Product Insert before testing for the first time.

Samples can be applied directly from a finger stick or a capillary transfer tube can be used.

Collecting a capillary blood sample from a finger stick

Use a lancet near the finger tip on the side which faces down.

If necessary gently squeeze the finger from its base to produce a sufficiently large hanging blood drop.



Location of finger stick and minimum size of hanging blood drop.



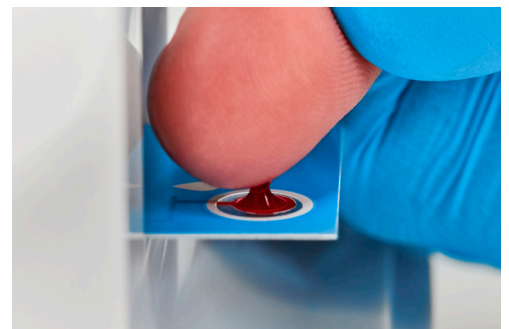
Sample Application Area.

Applying a finger stick sample to the Test Strip

Allow the hanging blood drop produced by the finger stick to just touch the sample application area of the Test Strip.

Ensure that the sample is applied centrally and completely fills the sample application area in one clean drop.

Do not allow the finger to touch the test strip to avoid smearing the sample.



Applying a sample to the Test Strip.

Collecting a capillary blood sample using a transfer tube

Use a lancet to produce a blood droplet on the end of the finger

Holding the transfer tube horizontally, touch the tip to the blood sample. Capillary action will automatically draw the sample into the tube.

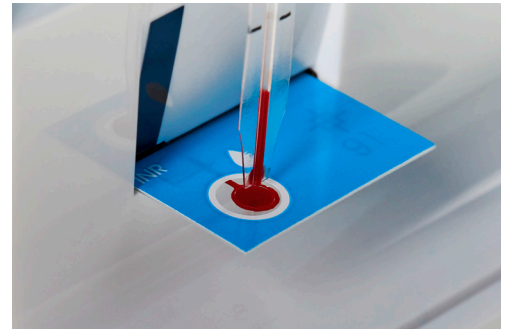
- Do not squeeze the bulb of the transfer tube before or during sample collection.
- Do not allow the transfer tube to touch the finger.
- Ensure the transfer tube is filled to the black fill line.
- Ensure that there are no air bubbles in the sample present in the transfer tube. If air bubbles are present dispose of the transfer tube and sample and start again.



Transfer tube filled horizontally using one large blood drop. Tube should be filled to black line for sufficient sample volume.

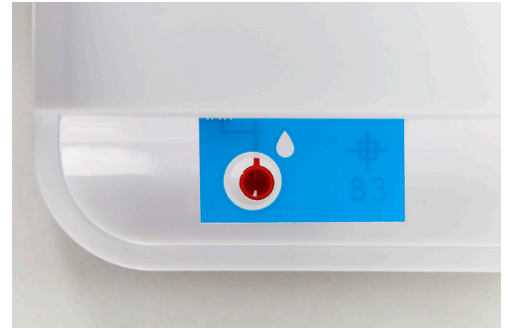
Applying a transfer tube sample to the Test Strip

Hold the filled transfer tube vertically over the Sample Application Area of the Test Strip and squeeze the bulb to dispense the sample.

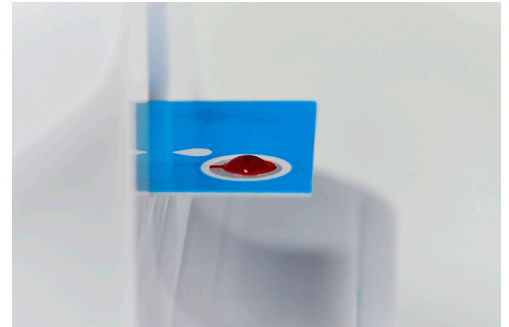


Hold the transfer tube vertically to apply the sample.

Examples of correctly applied sample



Correctly applied sample.



Correctly applied sample.

Examples of incorrectly applied sample



Insufficient sample applied.



Air bubbles in Sample Application Area.