



BIOSCIENTIA
INTERNATIONAL

How to Applicate Whole Blood on Dried Blood Cards

- Write the name and data of sender and patient on the blood card
- Place the blood card on a clean desk or on a clean foil
- Mix by inverting the whole blood sample carefully
- Pipette 50-75 µl whole blood on the circles (spots) on the blood card, preferably on all spots given.
- Completely fill all spots. Once dried, DO NOT place additional drops on the same circle
- Avoid to touch the blood card with the pipette tip
- Avoid to draw the 50-75 µl whole blood in the lettering of the card
- Let the card air dry for a **minimum** of 2 hours or even over night at room temperature
- **Keep away from direct sunlight and heat sources.**
- Avoid touching or smearing the blood spots.
- Leave the card on the table, in the foil or standing upright
- Do not allow the card to touch other surfaces while drying.

Important Note

- **Moist or wet cards must not be sent**
- **Hemolytic or coagulated samples must not be sent and will lead to rejections**

POTENTIAL RISKS

One of the major reasons for 'too little material' which means too little blood cells occur in the preanalytics when the samples are not inverted before pipetting on the card.