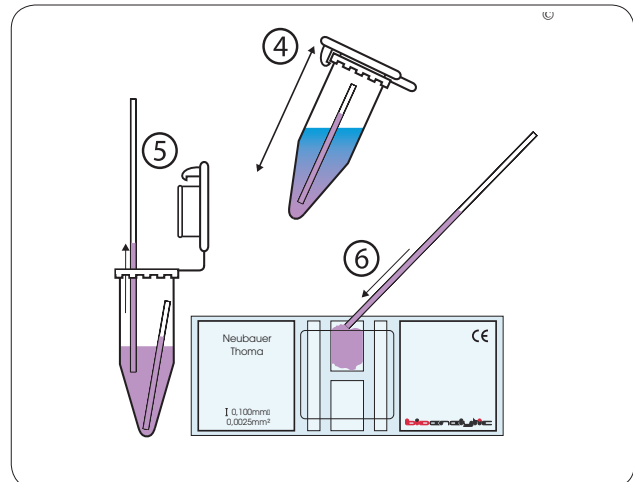
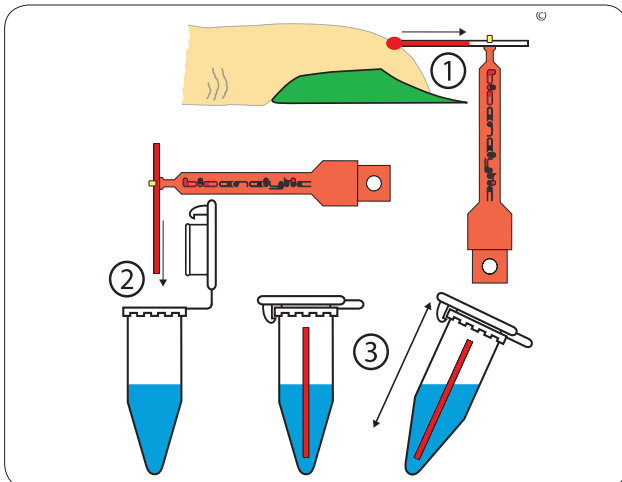


# TIC<sup>®</sup>

## Step by step instruction and check list. Ery-TIC<sup>®</sup> • Leuko-TIC<sup>®</sup> • Thrombo-TIC<sup>®</sup>

(EDMA 13 01 09 90 00)

(1/1)  
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### General

- Please maintain the necessary precautions for use of laboratory reagents and body fluids.
- For handling end-to-end volume capillaries (ETE) use bioanalytic capillary holder!
- Be carefully with any human or animal specimen, it may be infectious.
- Wear disposable gloves and protective clothing while handling.

### Sample procedure

#### Capillary blood

- Open the capillary holder and clamp the end-to-end volume capillary (ETE) in about between 1/2 to 2/3 length.
- Open the TIC vial you want to use.
- Disinfect the skin and perforate the sampling point with a sterile lancet. Blood must come out spontaneously.
- Wipe off the first drop of blood.
- Bring one end of the ETE nearly horizontal into the 2<sup>nd</sup> blood drop. Fill ETE from end to end without air bubbles (1).
- Remove outside adhesive blood with a fluff tissue - don't change the blood volume inside the capillary.
- Bring the capillary horizontal near above the vial. Move the ETE to vertical and open the capillary holder. Let drop the complete capillary into the vial (2).
- Close TIC vial carefully.
- Take the TIC vial between thumb and forefinger and shake TIC vial about 8...12 times forcefully. All blood must be rinsed out of the ETE capillary (3).

#### EDTA blood

- Collect EDTA blood as described in the collecting procedure (e. g. BD Vacutainer system). Mix blood with the vial included EDTA at once.
- Before preparing TICs mix the EDTA blood for re-suspending blood cells for > 10 minutes on a rolling mixer.
- Using a laboratory automatic-pipette (respect correct volume) fill the pipette tip with EDTA blood.
- Remove outside adhesive blood with a fluff tissue - don't change the blood volume inside the tip.
- Dispense the blood into the TIC solution and rinse the pipette tip repeatedly with TIC solution until no blood is adhesive inside the tip. Empty the tip carefully and remove.
- Close TIC vial carefully.
- Take the TIC vial between thumb and forefinger and shake TIC vial about 8...12 times forcefully (3). All blood must be rinsed out of the ETE capillary (3).

### Chamber filling

- Wait minimum for the time described in the package insert of the TIC-methode.
- Take the TIC vial between thumb and forefinger and shake TIC vial about 4...8 times to resuspend the cells (4).
- Open the vial carefully.
- Fill a chamber filling capillary about 1/2 with the blood-reagent mixture of the vial (5).
- Close the capillary on the upper end with the finger and bring the mixture under the cover slip of the counting chamber (6).

### Cell Counting

- Cell counting procedure please see package insert of TIC <sup>(1)2)</sup> and bioanalytic counting chamber instructions <sup>2)</sup>.

### Footnotes

- \*1) Included in the test kit.
- \*2) Downloadable from [www.bioanalytic.de](http://www.bioanalytic.de).

Production information  
TIC step-by-step instruction & procedure check list

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