



Leuko-TIC[®]

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Single Tests for Microscopic Counting of RBCs/WBCs from Avians and Reptiles.

This supplementary product information portrays the possibility of quantitative visual microscopic counting for avian and reptilian red and white blood cells (RBCs, WBCs).

Please also refer to the basic product information.

Please note:

This additional instructions are the result of information contributed by veterinary users. We are unable to verify every individual piece of information. Each user has to validate this method for his specific application and for the species to be tested and/or validated.

Attention!

This additional information is a supplement to the product information. It is also important to observe the information in the product information!

Sample Material

For sample collection, storage and labeling follow the standards of technology procedures and the corresponding instructions.
Process fresh capillary blood immediately after collection.

Anticoagulants

K₂- or K₃-EDTA blood can be processed within max. 24 hrs when stored closed at +4 ... +8 °C. Do not freeze!

Suitability of heparinized blood depends on the formulation:

NH₄-Heparin (ammonium heparin) cannot be used (forms precipitates).

Li-Heparin (lithium heparin) can be used if of high quality.

Na-Heparin (sodium heparin) can be used if of high quality.

Mammals

Only WBCs can be counted from mammalian blood!

Process fresh capillary blood immediately after collection.

K₂- or K₃-EDTA blood can be processed within max. 24 hrs when stored closed at +4 ... +8 °C. Do not freeze!

Count samples diluted with Leuko-TIC within 48 hrs. Resuspend cells before chamber loading.

Alternatives:

This is the product of choice for the counting of WBCs in mammals.

Avian

We recommend to use Eos-TIC or Natt-Herricks-TIC

Reptiles

We recommend to use Eos-TIC or Natt-Herricks-TIC

Reference Ranges

Reference ranges depend on type of the species. Please refer to the literature relevant to the species you examine.

Procedure

Follow the procedure described in the product information.

Analysis / Calculation

Follow the procedure described in the basic product information.