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Important Sampling and Shipment-Information for immunophenotyping by Flow Cytometry (FCM) and/or clonality testing by PCR for the Antigen Receptor Rearrangement (PARR)

Material for FCM or PARR must be submitted in Phosphate buffered Saline (PBS) with Gentamycin (1.5 mL) in Eppendorf cups. Store the cups in the refrigerator at 4°C until use. Material is provided by us on request!

FCM: Analysis requires VIABLE cells for Immunophenotyping to aid classification of lymphoma/leukemia cells. Differentiation between different subtypes is important in terms of prognosis and treatment.

Fine needle aspirates from enlarged lymph nodes can be directly suspended into the phosphate buffered Gentamycin enriched saline in the Eppendorf-cups. Please provide also 2 air dried FNA slides for morphologic evaluation. The samples have to be COOLED during transport and should arrive within 24 hrs. after sampling to give reliable results. Be aware that freezing destroys the cells and no FCM analysis is possible!

We kindly ask for notification (idealy the day before arrival) when samples are sent. Please give us a call +43 1 250 77 5110 or email zentrallabor@vetmeduni.ac.at

PARR: Analysis of lymphoid material for verification of the diagnosis lymphoma in suspicious cases and for clonality assessment in B and T-cell lymphoma cases.

For this assay samples can be sent at the same conditions as for FCM. However, for this method it is also possible to send already stained or unstained not cover slipped cytology slides!

The PARR analysis is performed for dogs and cats.

For questions please contact us anytime:

phone: +43 1 25077 6793 (Clinical Pathology/Central Laboratory, Rütgen)

e-mail: barbara.ruetgen@vetmeduni.ac.at

For ordering Eppendorf vials for sampling please call:

phone: +43 1 250 77 5110 (Clinical Pathology/Central Laboratory, Reception)

e-mail: zentrallabor@vetmeduni.ac.at