

## EWING 2008/PROVABES/EEC

### Standard Operating Procedure: PAX-blood and PAX-bone marrow

#### A. PAX-blood -> VIDE 1a, VIDE 3 and post-OP

Extraction of 2 ml of blood will be transferred into a PAX-tube (store tubes at 18-25°C).

- 1.) Cover patient name and collection date on PAXgene™ Blood RNA tube.
- 2.) Blood for the PAXgene™ Blood RNA tube should be extracted last.
- 3.) After the tubes have been filled, invert 10x.
- 4.) a) If samples are obtained Mon-Thus: send the tubes directly, uncooled in a Falcon-Tube via express to Münster.  
b) If samples are obtained Fri-Sun: freeze at -70°C/-80°C. Subsequent transport to Münster must be done on dry ice with tubes in an upright position secured in a tube rack.

#### B. PAX-bone marrow -> staging

Objective: The bone marrow will be examined on a molecular level (for instance miRNA). There can be no degradation of nucleotides. It is imperative that exactly 0.5 ml of bone marrow is contained in each tube.

As part of initial diagnostics, 0.5 ml unilaterally extracted bone marrow will be transferred into 1 PAXgene™ Blood RNA tube

- 1.) Cover patient name and collection date on PAXgene™ Blood RNA tube.
- 2.) Transfer bone marrow, acquired according to standard procedure in a syringe containing anticoagulant, into a Pax-tube.
- 3.) After the tubes have been filled, invert 10x.
- 4.) a) If samples are obtained Mon-Thus: send the tubes directly, uncooled in a Falcon-Tube via express to Münster.  
b) If samples are obtained Fri-Sun: freeze at -70°C/-80°C. Subsequent transport to Münster must be done on dry ice with tubes in an upright position secured in a tube rack.

\* tubes will be re-labeled for further use in pathology reference laboratory

#### Send to

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**Thank you for your cooperation!**