

### **Toluidine Blue staining for Epon Sections**

#### **Sections:**

1µm thick made with a Diamond knife Histocut

#### **Preparation of the stain solution**

Stock solution of toluidine blue: 1% in 2,5% Na<sub>2</sub>CO<sub>3</sub>

Filter the solution

Dilute to 0,1 %

Both solutions can be stored at -20°C

#### **Procedure of staining**

- Dry the slide with sections on a hot plate at 60°C - 70°C
- Cover the sections with 0.1 % Toluidine Blue for 30'
- Rinse thoroughly with distilled water
- Observe to check the intensity of staining. If not intense enough continue to stain on the hot plate.
- Dry the sections on the hot plate at 50 – 60° C a few hours or overnight
- Mount the sections with Eukitt or Histokitt

#### **Result**

This staining is not specific and the cellular structures are all stained blue