

Toluidine-blue staining

1. Sterilized seeds were grown on a plate (*1) for 2 weeks.
2. TB solution(*2) was poured directly onto the growing plants.
3. Plants were submerged in a TB solution for 2 minutes.
4. TB solution was removed from the plate for decantation.
5. Plate was washed gently in several changes of water in tray to remove excess TB from plants.

(*1) Plate

1/2 Murashige and Skoog's medium containing 0.4% (w/v) gellan gum (Wako Pure Chemicals Industries Ltd., Osaka, Japan)

(*2) Toluidine-blue (TB) solution

0.1% (w/v) TB (Sigma, St Louis, MO, USA) was filtered through a 0.2 μm filter,

<Reference>

A new method for rapid visualization of defects in leaf cuticle reveals five intrinsic patterns of surface defects in *Arabidopsis*

Tanaka T, et al. The Plant Journal

Volume 37 Issue 1 Page 139-146, January 2004