

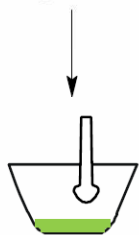
# IZOLACE CHLOROPLASTŮ

(Kummerová et al. 2006, modifikováno)

T = 0 - 4 °C



5 g listů

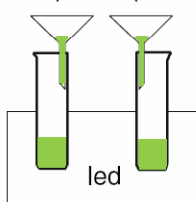


mořský písek

homogenizace 1 min

vychlazená třecí miska

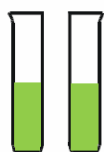
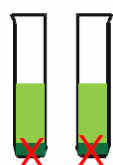
filtrace



centrifugace  
1000 g / 5 min / 4 °C

supernatant

sediment



centrifugace  
1400 g / 10 min / 4 °C



Resuspendační médium:

| Sloučenina                                    | Koncentrace |
|-----------------------------------------------|-------------|
| sacharóza                                     | 0.4 M       |
| Na <sub>4</sub> P <sub>2</sub> O <sub>7</sub> | 0.05 M      |
| NaCl                                          | 0.01 M      |
| MgCl <sub>2</sub>                             | 0.005 M     |
| EDTA                                          | 0.001 M     |
| Cystein                                       | 0.05%       |
| K <sub>3</sub> [Fe(CN) <sub>6</sub> ]         | 0.0086 M    |

suspenze chloroplastů

