* **Tissue extraction reagent; catalog # FNN0071:** 
  + Warm reagent to room temperature
  + Add protease inhibitor tablet (1 tablet/10mL)
  + Weight of SN from 1 side=5mg à add 400 uL reagent
  + Weight of STR from 1 side =15 mg à add 400 uL reagent
  + Weight of CB from 1 side= 40mg à add 400uL reagent
  + Weight of cortex from 1 side = 30mg à add 300uL reagent
* 1) Warm reagent to room temp
* 2) Add protease inhibitor tablet (1 tablet/10mL)(complete EDTA free)
* 3) Add amount of reagent to each sample and transfer to bead beating tube
* 4) Homogenize tissue sample in bead beater (see protocol in notebook), speed 3; let samples sit on ice for 10-15 min after to settle
* 5) Centrifuge homogenized sample at **10k rpm** for 5 min
* 6) Collect supernatants and store in -80C.