

STEP 1 FROZEN MUSCLE BIOPSY KIT

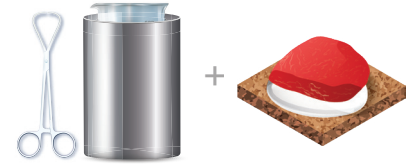
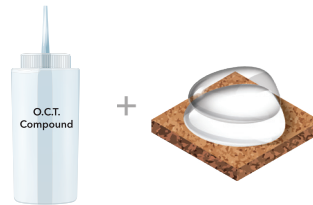
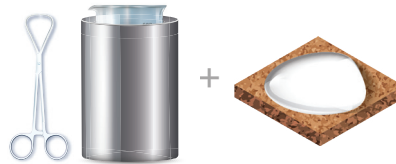
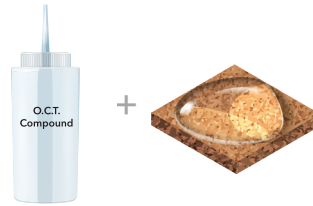
OPTION A: ISOPENTANE METHOD (PREFERRED)



Pour 3.5 lbs of dry ice into the bottom of the Styrofoam container provided with the MLabs kit. Pre-chill specimen container directly on the dry ice.



Add 50-100mL of isopentane to metal beaker and suspend the beaker into a bath of liquid nitrogen until isopentane freezes.



Position the muscle so that fibers are running vertically. Freeze for 15 seconds.



Specimen will be salmon in color. Place immediately into the pre-chilled specimen container and seal. Follow STEP 2 instructions to finish packaging frozen specimen.

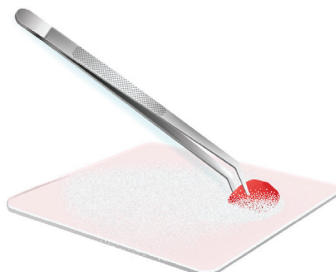
OPTION B: TALC / FOIL METHOD



Pour 3.5 lbs of dry ice into the bottom of the Styrofoam container provided with the MLabs kit. Pre-chill specimen container directly on the dry ice.



Create a foil pouch to loosely place the muscle.



Roll the muscle gently in talc or glove powder.



Carefully put the muscle into the foil pouch.

Gently close and seal foil pouch. **DO NOT FLATTEN THE MUSCLE!** Place immediately into the pre-chilled specimen container and seal.

Follow STEP 2 instructions to finish packaging frozen specimen.

