

Procedure for Collection

1. Microcentrifuge tube w/medium for skin explant
2. Local anesthetic
3. Alcohol swab
4. Sterile gloves
5. Sterile gauze



6. Blue blood tubes (4)
7. Yellow blood tubes (8)
8. Vacutainer
9. Sterile Tweezers
10. Syringe
11. Sterile scalpel

Instructions for Blood Draw

Because the blood sample is taken under a vacuum closed system, to avoid the loss of the vacuum the tubes **must not** be opened at any time.

- a. Wash hands and put on sterile gloves.
- b. Place the tourniquet between 7.5 cm or 10 cm above the point of puncture.
- c. Clean the arm area with an alcohol pad.
- e. Take blood samples at the maximum capacity of each tube; yellow tubes (without anti-coagulant) and blue (with anticoagulant). The blue cap tubes should be gently shaken to homogenize the samples and avoid clot formation.

f. Once all the tubes have been filled, first remove the tourniquet and then the tube. Next remove the needle with a quick and gentle movement backwards.

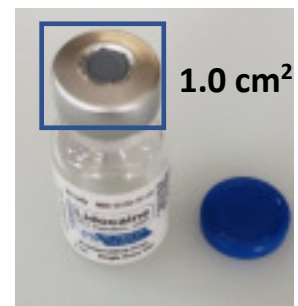
g. In cases where the patient is less than 5 years old, the laboratory will confirm the number of blood tubes needed for the autologous skin cell culture (MyOwn Skin™).

Instructions for Skin Recovery

a. Wearing gloves and using sterile gauze, thoroughly wash the area from which the explant will be taken with antibacterial soap, and then wipe the area with an alcohol pad.

b. A minimum of 0.5 ml of local anesthetic shall be used to generate a blister. With the syringe, infiltrate the area where the sample will be obtained.

c. With the scalpel blade and the sterile tweezers, cut parallel or slightly oblique, a partial skin sample (superficial, but guaranteeing that it has dermis) with an area of 1.0 cm² and a thickness between 0.30 mm - 0.65 mm approximately. The silver top of the lidocaine bottle provided in the kit is approximately 1.0 cm².



d. Using the microcentrifuge tube supplied in the kit and taking care to not spill the medium contained within it, place the skin sample into the tube with attention to not touch the inner sides of the tube. Cover it immediately. If for any reason this vial arrives in the kit without the medium, immediately call BioLab Sciences (480) 207-1884 for a replacement vial. Do not use formaldehyde or any other liquid medium.

e. Cover the area where the sample is taken with a healing cream and the gauze dressing contained in the kit.