



QUICK AND EASY TISSUE SAMPLING TECHNOLOGY

INSTRUCTIONS FOR USE

A. LOADING THE ALLFLEX TSU APPLICATOR



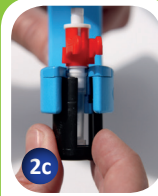
1
Take an assembled TSU (needle + connection piece + collection tube)



2a
Open the TSU retention ring on the pliers



2b
and insert the TSU as shown in the pictures



2c
after insertion of the TSU close the retention ring to lock the tube



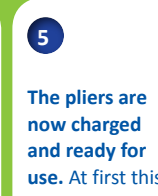
3a
Carefully squeeze the plier handles until the large piston comes to a stop against the red connection piece



3b
You have now completely grabbed the needle. After the needle is inserted into the piston you can release the handles



4
You can now easily remove the red connection piece by clicking it off using the two red handles



5
The pliers are now charged and ready for use. At first this charging action seems long but with experience this should only take a couple of seconds

TAKE CARE

NOT TO CUT FINGERS ON THE METAL NEEDLE. IT IS VERY SHARP!

B. TAKING AN EAR NOTCH SAMPLE



1a
Slide the charged pliers over the ear and position the cutter about 1cm to 2cm from the edge of the ear



1b
Try to avoid large veins and ridges. The sample should be taken in a very swift, fluid motion



2a
Remove the TSU tube from the pliers by opening the retention ring and sliding out the tube



2b
A tissue sample should be clearly visible inside the tube



3
Remove the used needle from the pliers by pulling the handles apart. This will loosen the needle and make it easily removable. The needle is no longer of use as it no longer contains the red plunger



4
The TSU is for SINGLE USE only, both the tubes and the needles can't be re-used! See the difference between an unused and a used TSU



5
In the used TSU a clear RED plunger will be visible indicating the tube already contains a sample and can't be used again

DISCARD THE NEEDLE SAFELY

CAUTION: THE NEEDLE IS VERY SHARP, MIND YOUR FINGERS!

MAINTAINING YOUR TSU APPLICATOR

CLEANING



- The applicator should be cleaned with a cloth to remove any dirt.
- Wash with warm soapy water or blast with air if the applicator is particularly dirty.

MAINTENANCE



- After cleaning, protect the metal moving part by lightly coating with maintenance oil; this will help free up the parts and prevent rust.
- Do not use zinc-based spray paint on the moving parts, this may affect parts clearance.

STORAGE



- After cleaning and maintenance, store in an airtight bag to prevent rust.
- Do not store in damp conditions.



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Identify the Difference