

# TISSUES OF A MISCARRIED FETUS

## Contents of the INVICTA collection kit:

Container of 50 ml – 1 pcs. / Saline – 30 ml / Parafilm – sealing film – 1 pcs.

Barcodes (study identification code) – 2 pcs. / Cooling packs – 2 pcs. / Referral note for genetic testing – 1 pcs.

The INVICTA collection kit is indicated for safe transport of study samples collected from miscarried tissues to the Invicta Laboratory. A study sample – fragments of the chorion or fetal tissue, size between 1 and 2 cm (not more than 2 cm) – is collected by a physician during a gynecological procedure. A fetal tissue fixed in a paraffin block may also be used as a sample. Fetal karyotype testing with classic cytogenetic methods is possible only for unfixed tissues and a sample has to contain live and proliferating cells. If collected tissue sample is not viable or contains tissues in fixing solutions such as alcohol, formalin, it is not possible to perform karyotype testing. In such cases, where tissues are fixed in a paraffin block or physiological saline, molecular biology methods (PCR, QF-PCR or NGS) can be used.

Miscarried fetal tissues are tested only at a physician's request.

A kit container is sterile – it cannot be open unless it is necessary as it results in loss of sterility – in such a case it cannot be used. Mechanical damage to the container (puncture, rupture) also leads to similar effects.

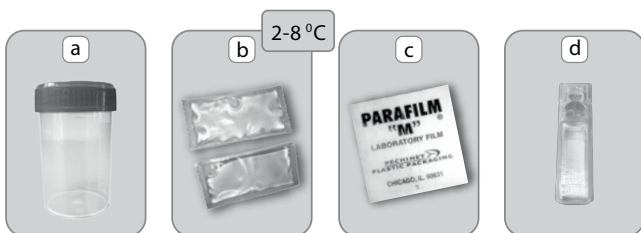
## Preparation

1. Material from tissues of a miscarried fetus is collected by a physician during a gynecological procedure.
2. A sample is collected at a health care center.
3. "A referral note for genetic testing" has to be filled in by an authorized person prior to testing.
4. The referral note has to be filled in completely and legibly. The patient has to give their consent for testing.
5. The container has to be labelled with Patient's details (in the Patient's presence): full name and PESEL (Personal ID no.).
6. For a paraffin block, a container has to be taken out of a transport box, and replaced with a block labelled with a barcode, that is in a bag.
7. Ensure that the last 7 digits of the code from the referral note comply with the code on a transport container / paraffin block.

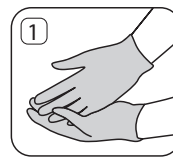
**ATTENTION! Wear disposable medical gloves when performing all activities associated with material collection presented below.**

The following elements of the kit have to be prepared prior to the examination:

- a) 1 container labelled with a code
- b) cooling packs (store the packs at temperature of 2-8°C prior to transport)
- c) parafilm – sealing film
- d) saline



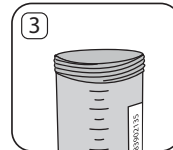
## Material collection



Wear disposable gloves.  
Comply with aseptic techniques.



Prepare a collection kit:  
• Label the container with Patient's full name and PESEL (Personal ID no.),  
• Apply the barcode,  
• Pour 30 ml of saline into the container.



Place a fragment of the chorion or fetal tissue (size between few mm and 2 cm) in the container.



Screw the lid on tightly to close the container.



Cover the upper part of the container with Parafilm.  
Ensure the container is leakproof prior to transport.



Place the container and the referral note in a box.  
Store at temp. 2-8°C until shipment.

## Transport to laboratory

The material should be transported at temp. 2-8°C. Until the courier arrives the kit with material collected should be stored in the fridge at 2-8°C. It should not take more than 48h to deliver a sample to the laboratory after its collection.

### Courier call at tel. 600 466 873

Material that has not been fixed can be couriered only on the following days: **Monday | Tuesday | Wednesday | Thursday**  
Material fixed in a paraffin block can be sent at any day of the week.

## Kit storage

Store the kit at room temperature.  
Do not freeze or keep near heat sources.