

PGT-A, PGT-SR & PGT-M - INSTRUCTIONS



Step 1: Contact Us

Call **(+44) 020 806 88176** or send an email to **support.uk@igenomix.com** and **lab.uk@igenomix.com** to request more information, kits, or a collection.

Basic Concepts

- **Embryologist validation**
 - A validation 'dry run' is required for each embryologist performing PGT at the clinic/centre before Igenomix will accept samples from the respective embryologist.
 - Please contact lab@igenomix.com for assistance arranging this.
- **PGT from Igenomix UK is available only for testing of trophectoderm samples**
- **PGT-SR (Preimplantation Genetic Testing for Structural Rearrangements)**
 - A case review is required prior to acceptance of a PGT-SR case.
 - Before sending samples, please contact lab.uk@igenomix.com to discuss the case.
 - The lab team will clarify any requirements for additional testing or information.
 - Igenomix will only accept referrals for PGT-SR patients who have received suitable genetic counselling, which may be arranged through Igenomix or an alternative provider.
- **PGT-A (Preimplantation Genetic Testing for Aneuploidies)**
 - No prior review nor information is required for accepting PGT-A cases.
- **PGT-M (Preimplantation Genetic Testing for Monogenic Disorders)**
 - Igenomix will only accept referrals for PGT-M patients who have received suitable genetic counselling, which may be arranged through Igenomix or an alternative provider.
 - PGT-M cases must begin with a referral and a Pre-PGT-M 'work-up':
 - Please refer to '**Pre-PGT-M Instructions**', available at <https://igenomix.co.uk/send-a-sample> or from our Customer Support team.
 - Do not send PGT-M samples without first completing the Pre-PGT-M process.
- **Up-to-date documentation**
 - Please download the following documentation from <https://igenomix.co.uk/send-a-sample>
 - (1) **Test Requisition Form & Biopsy Worksheet**
 - (2) **Consent Form**

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**Step 2:**
Receipt of the kit

IMPORTANT: Always use gloves when handling the kit to avoid contamination.

The kit is received in a cooler. Check that the cooler includes the following:

- 2 cool packs
 - Ensure that you freeze these at -20°C for at least 24 hours prior to shipment
- A UN3373 sticker
- 2 tamper-proof stickers
- A transparent, sticky-backed document wallet
- A sealed bag containing a tube rack and an additional transparent plastic bag
 - The tube rack contains the washing solution and sterile Eppendorf PCR tubes (0.2 ml)
 - Do **not** open the sealed bag until the time of use
 - Store the tube rack (without opening the bag) at 4°C until the time of use
 - Always check the **expiration date** of the washing solution before use

**Step 3:**
Important guidance

The following cases may lead to sample rejection:

- Samples not accompanied by all required documentation
 - (1) Test Requisition Form & Biopsy Worksheet
 - (2) Consent Form
- Sample documentation has not been correctly completed
 - E.g. Mandatory fields in the sample documentation have not been completed
 - E.g. Missing patient and/or clinician signature(s)
- Missing patient identifiers on the tube rack

Please ensure to **clearly** identify the practitioner performing biopsy and tubing for each sample.

**Step 4:**
Sample labelling & storage

Label samples as described in the **Washing/Tubing Protocol**. Please contact our Customer Support team if this document is not available in your lab.

Store the tube rack containing the samples at -20°C for at least one hour before the shipment.

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**Step 5:**
Packaging the shipment

IMPORTANT: Please follow these instructions carefully. If you are unsure about any step, please contact our Customer Support team. Do **not** ship samples in any other packaging.

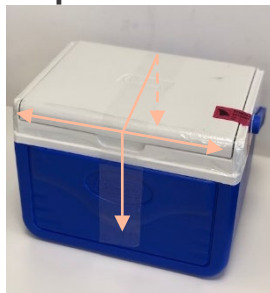
Packaging the contents

IMPORTANT: Store the tube rack at -20°C until shipment. Only package the samples for shipment shortly before collection by the courier.

1. Insert the tube rack (containing the samples) into the provided transparent bag.
 - Please do **not** place the documentation inside this bag.
2. Place one frozen cool pack flat inside the cooler.
3. Place the bagged tube rack flat on top.
4. Place another frozen cool pack flat on top to 'sandwich' the tube rack between the cool packs.
5. Fold the documentation in half, and place it into the cooler, on top of the cool pack.

Sealing the cooler

1. Close the lid of the cooler.
2. Securely affix the tamper-proof sticker on the side of the cooler and over the lid. Attempting to remove the sticker once affixed will mark it as void. A spare sticker is included.
3. Lift the handle and, using robust packaging tape:
 - a. Seal vertically along the front, top and rear surface of the cooler with a continuous strip of tape. The tape should go under the handle, not over it.
 - b. Seal horizontally across the front of the lid.
4. Place the package waybill document (see **Step 6: Logistics** below) inside the document wallet.
5. Peel the paper off the back of the document wallet, exposing the adhesive.
6. Stick the document wallet across the lid of the cooler, over the tamper-proof sticker.
7. Affix the UN3373 sticker to the side of the cooler. Ensure that it is clearly visible.

Step 1-2**Step 3****Step 4-6****Step 7**

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Logistics****Requesting a collection**

- Contact support.uk@igenomix.com up to 5 days in advance to arrange a collection.
- Domestic same-day collection is available for requests made prior to 13:30.

Waybill documents

You will receive the waybill documents by email. There are two of these documents:

- The package waybill document has three barcodes and should be affixed to the package as described in [Step 5: Packaging the shipment](#).
- The courier waybill document has one barcode and should be handed to the courier when they arrive.

**Step 7:
Test results**

Results will be delivered by secure email to the address(es) indicated in the test documentation.

Results for PGT-A, PGT-SR and PGT-M samples will be available within **10 working days** of receipt of samples at Igenomix.

**Step 8:
Additional information**

For any questions, further information and to request sample collection:

 **(+44) 020 806 88176**

 **support.uk@igenomix.com**

 **lab.uk@igenomix.com**