

## SAT - INSTRUCTIONS



### Step 1: Contact us

Call (+44) 020 8068 8176 or send an email to [support.uk@igenomix.com](mailto:support.uk@igenomix.com)

- Get more information about the SAT test
- Request the test
- Request a pickup



### Step 2: Receipt of the Kit

**Check the Kit and make sure that it includes the following:**

- A 10ml sterile conical tube (check expiration date)
  - A sterile container for the collection of the sample (check expiration date)
  - Rigid plastic blister (secondary container)
  - Courier return envelope
  - Biohazard Bag (check expiration date)
  - Test Requisition Form and Consent Form
- Documentation can also be downloaded from:**  
<https://igenomix.co.uk/send-a-sample>

The clinic/centre processing the sample to be sent to Igenomix will also need sperm culture media to wash the sample, which is not included in the Kit.\*

\*Please contact the lab team at [lab.uk@igenomix.com](mailto:lab.uk@igenomix.com) if this is unclear or you wish to discuss alternative options.



### Step 3: Day of sample collection

**Important guidance:**

The following cases may lead to sample rejection:

- Samples not accompanied by their documentation (Test Requisition Form and Informed Consent)
- Sample documentation (Test Requisition Form and Informed Consent) has not been completed correctly
- Mandatory fields in sample documentation, identified on the forms with an asterisk (\*), have not been completed
- Missing patient and/or clinician signature on the Test Requisition and Informed Consent
- Missing karyotype information when indication for SAT is "abnormal karyotype"

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**1) If the origin of the sperm sample is EJACULATE:**

We recommend three days of abstinence prior to collection of the sample. Collect all of the ejaculate volume in a sterile container. If the patient has collected the sample at home, the sample should be provided to the clinic within 1-2 hours of ejaculation.

**At the clinic/centre:**

- Let the sample liquefy for 10 to 20 minutes inside the sterile container.
- Perform a spermiogram of the sample.
- Transfer the ejaculated sample to a 10ml sterile conical tube and label the tube according to the instructions specified below.
- Wash the sample with sperm culture media (5 ml for every 2 ml of ejaculated sample) and centrifuge 10 minutes at 600g at room temperature.
- Discard the supernatant and keep the pellet inside the conical tube. Suspend the pellet in 2 ml of sperm culture media.
- Seal the tube with Parafilm.

**2) If the origin of the sperm sample is TESTICLE-EPIDIDYMIS:****At the clinic/centre:**

- Transfer the sample to a Petri dish containing ~5 ml of sperm culture media.
- Separate the tissue into several pieces using two scalpels.
- Transfer the sample and the sperm culture media into the 10ml sterile conical tube.
- Seal the tube with Parafilm.

**3) If the sperm sample (ejaculate, testicle or epididymis) is FROZEN:****At the clinic/centre:**

- Defrost the sample and remove the cryoprotectant following your standard protocol.
- Transfer the sample into 10ml sterile conical tube and add sperm culture media to a final volume of 5ml
- Seal the tube with parafilm

**After sample collection:**

Label the tube with unique identifying information (one of the following options):

- Option 1: Patient initials or Full name and Date of Birth or;
- Option 2: Patient initials or Full name and Unique Patient ID

**Incorrectly labelled or unlabelled samples may be rejected.**

ALWAYS keep the sample refrigerated (4-8°C) until shipment to Igenomix.

We recommend shipping samples as soon as possible, preferably within three days of the sample collection, in order to guarantee the quality of the sample.

**For shipment preparation:**

- Insert the conical tube containing the SAT sample into the rigid plastic blister (secondary container) and place this into the biohazard bag provided.
- Fold and place the Test Requisition & Consent Form and the sample inside the Igenomix Kit. Documents must be correctly completed and signed. Put the Kit inside the courier return envelope.

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### Step 4: Logistics

- Send the Kit at room temperature (do not send frozen)
- We strongly recommend that, where possible, samples are returned in the Kit provided by Igenomix. The sample tube must be packaged within the plastic blister and a solid box before placing inside the courier return envelope.
- We recommend including a cold gelpack inside the Kit if outside temperatures exceed 35°C. Take care to avoid freezing the sample when adding the gelpack. For further details, please contact our Customer Support team.



### Step 5: Sample pick up

To ensure that sample integrity is not compromised, which may lead to test failure, please adhere to the following pick-up protocol:

- Contact [support.uk@igenomix.com](mailto: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
- Once you have received the waybill (courier) documents:
  - Affix the package waybill (with three barcodes) to the provided courier return envelope
  - Ensure that a 'UN3373' sign is uncovered and visible on the courier return envelope
- Remember to include the completed Test Requisition & Consent Form in the package.
- When the courier arrives, check that the package is sealed and hand the package and the additional waybill (with one barcode) to the courier
- Holidays may cause service disruptions. In the event of any disruption, Igenomix will notify you of any changes that apply to collections.
- To reduce the risk of degradation, we recommend that you ship samples as soon as possible.



### Step 6: Test results

The **clinician that has requested the test** will receive the results within **10 working days** from sample reception by Igenomix.



### Additional information

For any questions or concerns and to request sample collection

 (+44) 020 8068 8176

 [support.uk@igenomix.com](mailto:support.uk@igenomix.com)