

SAT - INSTRUCTIONS



Step 1: Contact us

Call +966 549109444 or send an email to labsaudi@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)
- Biohazard Bag
- Test Requisition Form and Consent Form
- Shipping box (box with Igenomix Logo)

The IVF center 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.



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
- Samples without any identifier at all (NAME, MRN and DATE of BIRTH)
- 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 EJACULATED:

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 IVF center:

- 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 identify the tube according to the instructions specified below.
- Wash the sample with sperm culture media (5 ml each 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 IVF center:

- 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 10 ml sterile conical tube.
- Seal the tube with Parafilm.

3) If the sperm sample (ejaculate, testicle or epididymis) is FROZEN:

At the IVF center:

- 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 with 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 shipping bag (courier bag).

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Step 4: Logistics

- Send the samples at room temperature (do not send frozen)
- We recommend that, where possible, samples are returned in the Kit provided by Igenomix
- We recommend shipping the samples with a cold gelpack if outside temperatures exceed 35°C. For further details, please contact our Customer Support Department. Take care to avoid freezing the sample when adding the gelpack



Step 5: Sample pick up

To ensure sample integrity is not compromised, which may lead to test failure and another sample collection, please adhere to the following hours of operation:

Pickups in Saudi Arabia :

- From Sunday to Thursday.
- Contact us at least 24 hours before your preferred collection time to request a courier

Pickups outside Saudi Arabia :

- Contact us and we will schedule the pick according to your location
- Contact us at least 24 hours before your preferred collection time to request a courier
- Ensure that the shipping bag (courier bag) includes Airway Bill, Commercial Invoice and Non-Declaration shipping documents that will be provided to you prior of the collection request.

Holidays may cause service disruptions. In the event of any disruption, Igenomix will notify you of any changes that apply to the pickups.

We recommend that you ship the samples same day the blood has been withdrawn in order to guarantee the quality of the sample.



Step 6: Test results

The **clinician that has requested the test** will receive the results within **15 Working days** from sample reception by Igenomix.



Additional information

For any questions or concerns and to request sample collection

 **+966 549109444**

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