



How to prepare and send peripheral blood samples with heparin anticoagulant Protocol

How to prepare a blood sample

Take 3 to 5 ml of peripheral blood with a syringe and empty it immediately into the **heparinized** tubes and gently turn it upside down 10 times, or you can draw blood with Venoject (vacuum syringes) and enter directly blood into the **heparinized** tubes, and turn 10 times. Heparinized tubes should be sterile in corporate pipes (green lid) and have not expired.

To study Fanconi anemia by culture method and chromosomal study, 10 ml of peripheral blood with heparin anticoagulant needed.

How to prepare anticoagulants

If corporate pipes are not available to prepare heparin solution for 5000 units of heparin, add 5 cc of normal saline or distilled water under sterile conditions and 0.4 cc from the solution made for 5 cc of blood sample is sufficient. It should be noted that there is a possibility of non-response for non-standard and non-corporate pipes.

Required specifications

Name, surname, Patient birth date,- And if there is an admission number in Kariminejad - Najmabadi Pathology & Genetics Center should be recorded on the tube.

Recommended storage and temperature conditions until delivery to the center

Samples can be stored at refrigerated temperatures for up to 72 hours. Maximum 72 hours refrigerator temperature

Insert the tubes into the flask.

In summer, place the ice pack inside the flask so that the ionolite is between the tubes and the dry ice pack.- Under no circumstances should blood samples be in direct contact with ice.

Delivery time

Sample delivery hours on working days from Saturday to Wednesday 7:30 AM to 5 PM and on Thursdays are from 7:30 AM to 1:30 PM



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