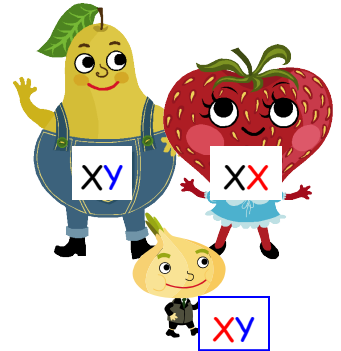


# Chromosome Analysis

## What is it?

Chromosome analysis is a test that is done by drawing a small sample of blood by needlestick. Through a complicated process, the chromosomes, which are collections of DNA, are isolated and observed under a microscope. This test looks for large abnormalities in the patient's genetic material, such as missing chromosomes, extra chromosomes or rearranged chromosomes. Small defects in the chromosomes may not be seen by this test.



## Why has my doctor ordered this test?

Chromosomes are inherited from each parent. This genetic material helps determine many aspects of the development of every child. The genetic material helps determine the gender of your child. The genetic material is also involved in how the body develops diseases. Rarely, certain chromosome abnormalities may help explain why your child gains weight.

## Special Instructions:

1. This test does not have to be scheduled.
2. You should take the doctor's orders for testing to the Admitting office at Children's and Women's Hospital to register for blood tests.
3. The results of your tests will be reviewed with you at your follow up visit.
4. If an appointment needs to be rescheduled due to results, we will contact you.
5. We may not discuss these results over the phone due to privacy concerns.

The Pediatric Healthy Life Center has prepared this sheet for your information only.

For more Information, please contact the Pediatric Healthy Life Center at 251-434-5038