



Yashvi M. Patel

Age : 21 Years

Sex : Female

PID : 556



Sample Collected At:

125, Shivam Bungalow, S G Road,
Mumbai

Ref. By: Dr. Hiren Shah



Registered on: 02:31 PM 02 Dec, 2X

Collected on: 03:11 PM 02 Dec, 2X

Reported on: 04:35 PM 02 Dec, 2X

KARYOTYPE

Test Overview :

Karyotype is a test to identify and evaluate the size, shape, and number of chromosomes in a sample of body cells. Extra, missing, or abnormal positions of chromosome pieces can cause problems with a person's growth, development, and body functions.

How to Prepare :

As such no special preparation is required for this test A genetic counselor or a specialized doctor can help you make well-informed decisions. Ask to have genetic counseling before making a decision about a genetic test.

How It Is Done :

Karyotype testing can be done using almost any cell or tissue from the body. A karyotype test usually is done on a blood sample taken from a vein.

Karyotype	
Normal	<ul style="list-style-type: none">There are 46 chromosomes that can be grouped as 22 matching pairs and 1 pair of sex chromosomes (XX for a female and XY for a male).The size, shape, and structure are normal for each chromosome.
Abnormal	<ul style="list-style-type: none">There are more than or less than 46 chromosomes.The shape or size of one or more chromosomes is abnormal.A chromosome pair may be broken or incorrectly separated.

What Affects the Test ?

- Factors that can interfere with your test or the accuracy of the results include:
- Being treated for cancer. Chromosomes may be damaged by some types of cancer treatment.
- The area where the cells are collected. The results of a karyotype test may depend on whether the cells were collected from the amniotic fluid, the fetus, or the placenta.

Thanks for Reference

****End of Report****

Medical Lab Technician

(DMLT, BMLT)

Dr. Payal Shah

(MD, Pathologist)

Dr. Vimal Shah

(MD, Pathologist)

