

## HUMAN CHROMOSOMES

The chromosomes are the carriers of genetic information. The human chromosomes are 46 in number and consist of 23 pairs. In each pair one chromosome comes from each parent. One pair is responsible for sex determination and differences. They are dissimilar and are known as the X and Y chromosomes. A person whose genotype has two X chromosomes is female, an XY is male. Here is what they actually look like under the microscope:

