

FIGURE 2.25

Genetic Components Found in a Drop of Blood

A drop of blood contains red and white blood cells. From this, one can determine the person's DNA. The DNA is contained in 23 pairs of chromosomes in humans. Located at specific sites on those chromosomes are some 20,000 genes in each human. One part of the cell nucleus related to energy production is mtDNA (discussed later) and is passed on from the mother.

Source: National Human Genome Research Institute.

