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Chapter 3 Hair Analysis

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| **Across****4.** the actively growing base of a hair; contains DNA and living cells**8.** located outside the medulla; contains granules of pigment**9.** bits of pigment in the cortex of a hair**10.** a fibrous protein that makes up the majority of the cortex of a hair**11.** a tool that allows the side-by-side comparison of hair samples**12.** a chemical test performed on hair; can identify and quantify drugs and toxins, | **Down****1.** the central core of a hair**2.** occurs when hair from crime scenes is transferred to other locations **3.** part of the hair above the follicle; contains mitochondrial DNA**5.** genetic material in the nucleus of a cell**6.** the tough outer covering of a hair; composed of overlapping scales**7.** genetic material that can only be inherited from the mother |