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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 |