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Skeletal muscle fibers

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| **Across**  **5.** What zone is the center of A band and is composed of thick myosin filaments?  **7.** What is composed of myosin protein and heads from cross-bridges?  **8.** What band is light and composed of thin actin filaments?  **10.** What pattern is made by the arrangement of myofilaments in myofibrils? | **Down**  **1.** What line anchors filaments in place; it is the sarcomere boundary; and the center of I band?  **2.** What skeletal muscle fibers contain these structures: I & A Bands, H zone, Z line, and M line?  **3.** What is composed of actin protein; associated with troponin and tropomyosin, which prevent cross-bridge formation when muscle is not contracting?  **4.** What skeletal muscle fiber consist of sarcomeres connected end-to-end?  **6.** What band is dark and composed of thick myosin filaments with portions overlapped with thin actin filaments?  **9.** What line anchors thick filaments and is the center of A band? |