



Marks' Basic Medical Biochemistry: A Clinical Approach (Point (Lippincott Williams & Wilkins))

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LWW, 2008. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Section One: FUEL METABOLISM1: Metabolic Fuels and Dietary Components 2: The Fed or Absorptive State 3: Fasting Section Two: CHEMICAL AND BIOLOGICAL FOUNDATIONS OF BIOCHEMISTRY4: Water, Acids, Bases, and Buffers 5: Structures of the Major Compounds of the Body 6: Amino Acids in Proteins 7: Structure-Function Relationships in Proteins 8: Enzymes as Catalysts 9: Regulation of Enzymes 10: Relationship between Cell Biology and Biochemistry 11: Cell Signaling by Chemical Messengers Section Three: GENE EXPRESSION AND THE SYNTHESIS OF PROTEINS12: Structure of the Nucleic Acids 13: Synthesis of DNA 14: Transcription: Synthesis of RNA 15: Translation: Synthesis of Proteins 16: Regulation of Gene Expression 17: Use of Recombinant DNA Techniques in Medicine 18: The Molecular Biology of Cancer Section Four: FUEL OXIDATION AND THE GENERATION OF ATP19: Cellular Bioenergetics: ATP and O₂ 20: Tricarboxylic Acid Cycle 21: Oxidative Phosphorylation and Mitochondrial Function 22: Generation of ATP from Glucose: Glycolysis 23: Oxidation of Fatty Acids and Ketone Bodies 24: Oxygen Toxicity and Free Radical Injury 25: Metabolism of Ethanol Section Five: CARBOHYDRATE METABOLISM26: Basic Concepts in the Regulation of Fuel Metabolism by Insulin, Glucagon, and Other...



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