

10. **Figure 10-10** illustrates the process of **transcription**.



Figure 10-10

11. **Transcription** is the process of copying a segment of DNA into an RNA molecule. This process is essential for the production of proteins.



Figure 10-11

12. **Translation** is the process of synthesizing a protein from an mRNA template. This process is essential for the production of proteins.



Figure 10-12

Transcription and Translation



Transcription is the process of copying a segment of DNA into an RNA molecule. This process is essential for the production of proteins.

Translation is the process of synthesizing a protein from an mRNA template. This process is essential for the production of proteins.

Figure 10-13 illustrates the process of **transcription**.



Figure 10-14

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