**From DNA to Protein**

The Process:

**DNA 🡺 RNA 🡺 AUG 🡺 Codons 🡺 Amino Acids to stop 🡺 Protein**

or

1. Take **DNA** sequence
2. Turn to **RNA** (change all T’s to U’s)
3. Find **AUG**
4. Split the rest of the sequence into **codons** from there
5. Turn codons into **amino acids** until you hit STOP
6. The **protein** is the string of amino acids from MET to the amino acid before STOP

**Practice Test Answers:**

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| --- |
| **DNA:** ACCATGCCCCGTTGATTT  🡻  🡻  🡻  🡻  🡻 |

**Practice Strands**

|  |
| --- |
| **1)**  **DNA**: AATGTCAGAGGTGAAATGCTATTGAGGT  🡻  🡻  🡻  🡻  🡻 |
| **2)**  **DNA**: TTTATATGGCAAGAGATAATTGTTGA  🡻  🡻  🡻  🡻  🡻 |