

L4 Biochemistry: 20 Questions

Q1

Define primary structure

Q2

Define secondary structure

Q3

Define tertiary structure

Q4

Define quaternary structure

Q5

What are protein domains?

Q6

Describe the structure of alpha helices

Q7

What are beta sheets constructed from?

Q8

Which way do side chains face of beta sheets?

Q9

How could an amphipathic beta sheet be formed?

Q10

What shape do beta sheets form

Q11

Where are individual strands in beta sheets located in, in the polypeptide chain?

Q12

What is a beta turn?

Q13

Define super secondary structure:

Q14

What are some super secondary structural elements?

Q15

What type of protein usually contains amphipathic helices?

Q16

Define multimeric proteins:

Q17

Where is a binding site typically found on a protein?

Q18

In what way are different domains in IgG proteins structurally similar?

Q19

Which direction do side chains always point on alpha helices?

Q20

Draw all 20 side chains