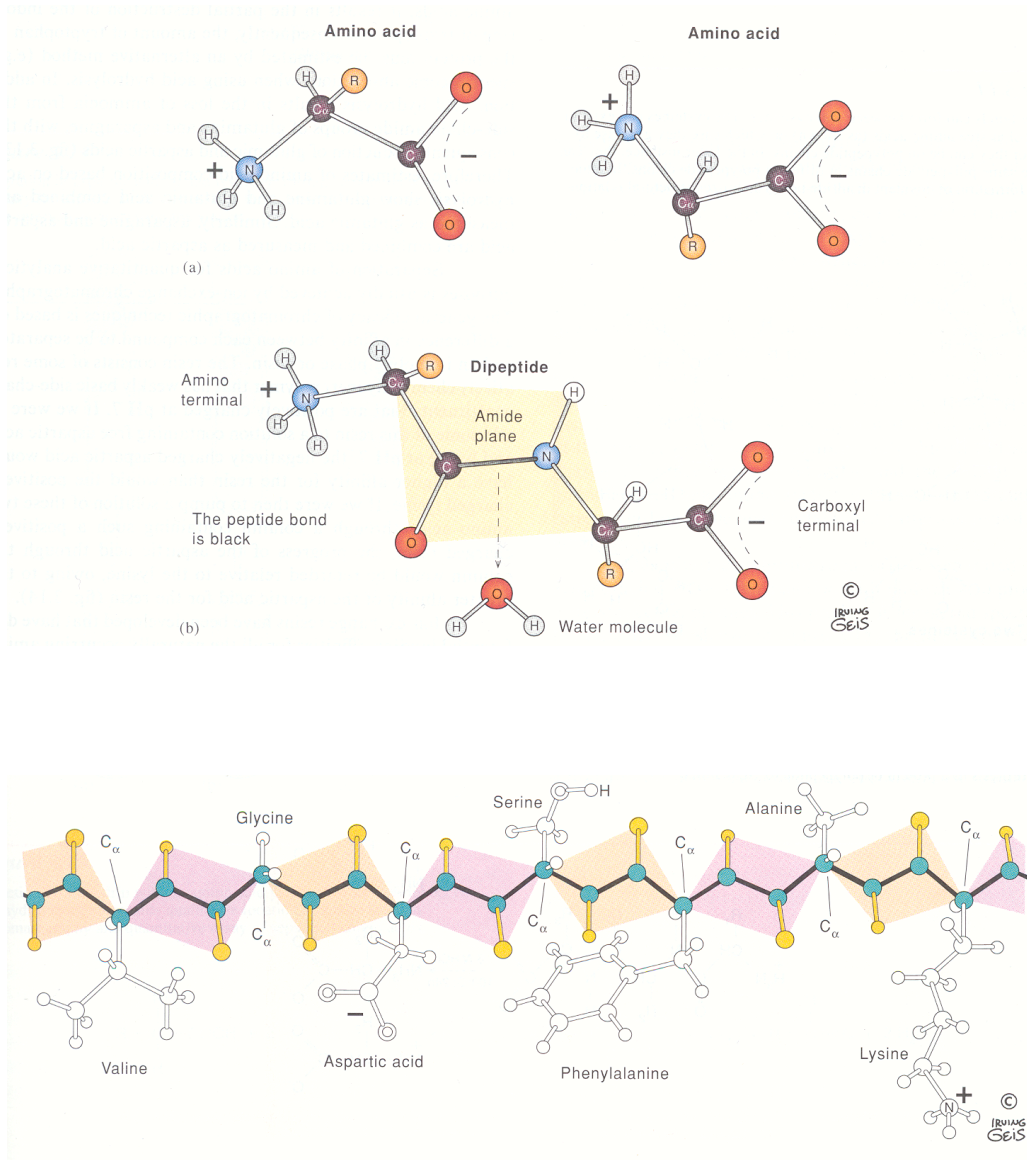


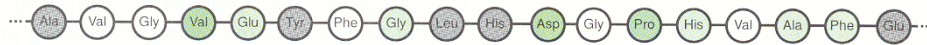
Protein - primær struktur



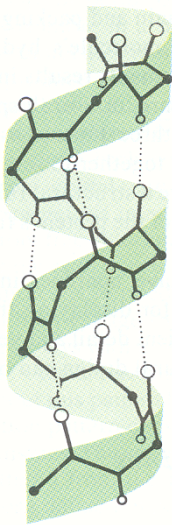
>alpha-D

MLTDSK~~K~~LVLQVWEK~~V~~IRHPDCGAEALERLFTTYPQTKTYFPHFDLHHGSDQVRNHGKK
 VLAALGNV~~K~~SLGNLSQALS~~D~~LDLHAYNLRVDPVNF~~K~~L~~L~~AQCFHVV~~L~~ATHLGNDYTPEA
 HAAFDK~~F~~LSAVCTVLA~~E~~KYR*

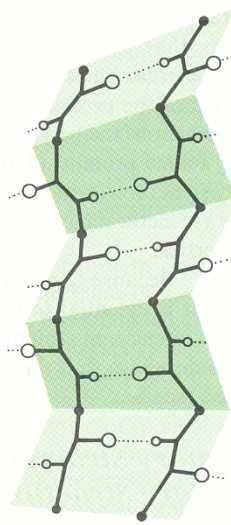
Proteinstruktur-niveauer



(a) Primary structure (amino acid sequence in the protein chain)

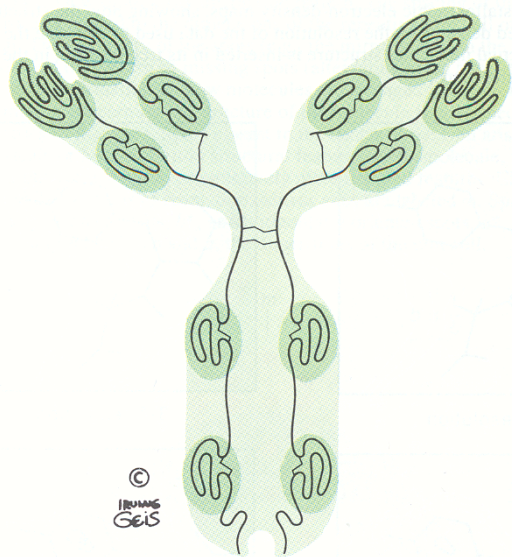


α helix



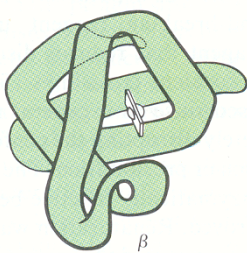
β sheet

(b) Secondary structure



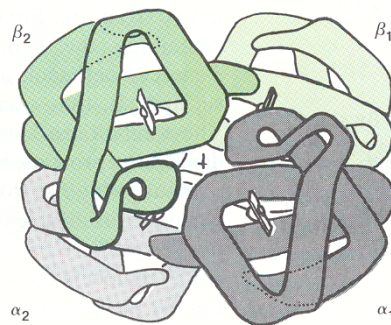
Domains (dark color) in an antibody molecule

(c) Local folding



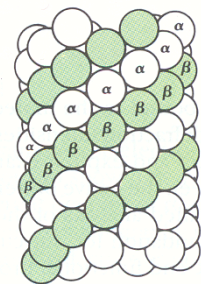
One complete protein chain (β chain of hemoglobin)

(d) Tertiary structure



The four separate chains of hemoglobin assembled into an oligomeric protein

(e) Quaternary structure



σ (white) and β (color) tubulin molecules in a microtubule

(f) Quaternary structure