

Alanine (Ala/A)

Glutamate (Glu/E)

Arginine (Arg/R)

Glutamine (Gln/Q)

Asparagine (Asn/N)

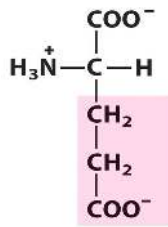
Glycine (Gly/G)

Aspartate (Asp/D)

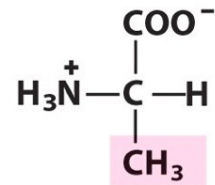
Histidine (His/H)

Cysteine (Cys/C)

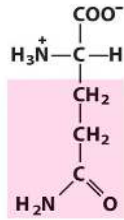
Isoleucine (Ile/I)



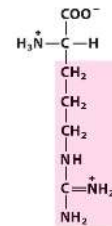
Negatively charged R groups



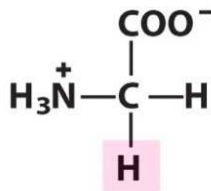
Nonpolar, aliphatic R Groups



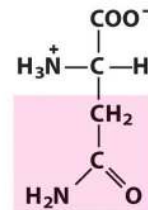
Polar, uncharged R groups



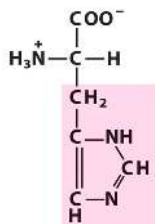
Positively charged R groups



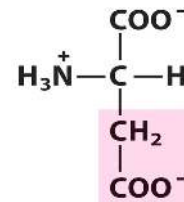
Nonpolar, aliphatic R Groups



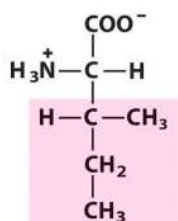
Polar, uncharged R groups



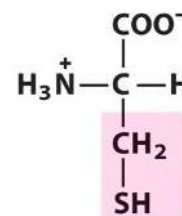
Positively charged R groups



Negatively charged R groups



Nonpolar, aliphatic R Groups



Polar, uncharged R groups

Leucine (Leu/L)

Serine (Ser/S)

Lysine (Lys/K)

Threonine (Thr/T)

Methionine (Met/M)

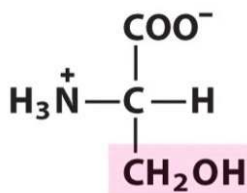
Tryptophan (Trp/W)

Phenylalanine (Phe/F)

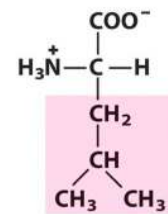
Tyrosine (Tyr/Y)

Proline (Pro/P)

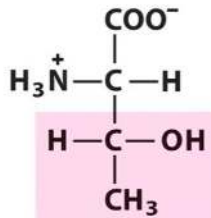
Valine (Val/V)



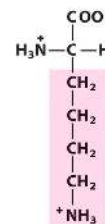
Polar, uncharged R groups



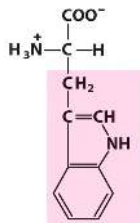
Nonpolar, aliphatic R Groups



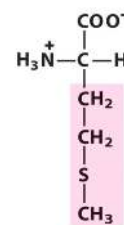
Polar, uncharged R groups



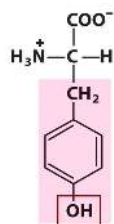
Positively charged R groups



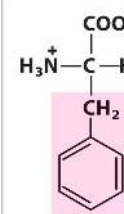
Aromatic R groups



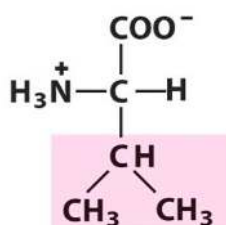
Nonpolar, aliphatic R Groups



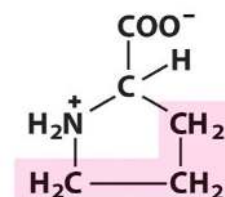
Aromatic R groups



Aromatic R groups



Nonpolar, aliphatic R Groups



Nonpolar, aliphatic R Groups