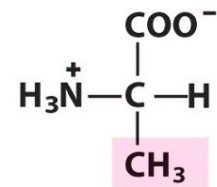
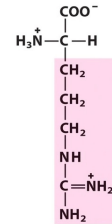


Alanine (Ala/A)



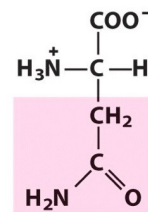
Nonpolar, aliphatic R Groups

Arginine (Arg/R)



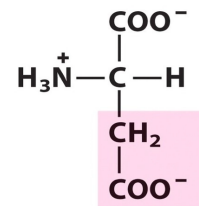
Positively charged R groups

Asparagine (Asn/N)



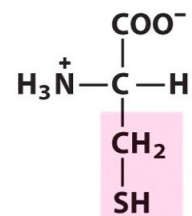
Polar, uncharged R groups

Aspartate (Asp/D)



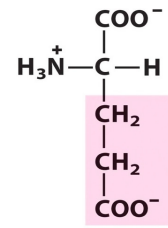
Negatively charged R groups

Cysteine (Cys/C)



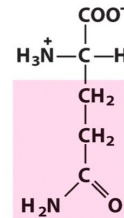
Polar, uncharged R groups

Glutamate (Glu/E)



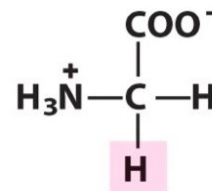
Negatively charged R groups

Glutamine (Gln/Q)



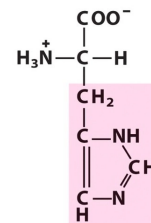
Polar, uncharged R groups

Glycine (Gly/G)



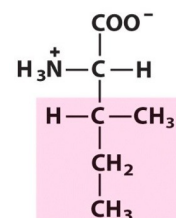
Nonpolar, aliphatic R Groups

Histidine (His/H)



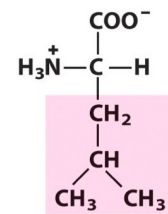
Positively charged R groups

Isoleucine (Ile/I)



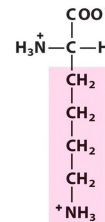
Nonpolar, aliphatic R Groups

Leucine (Leu/L)



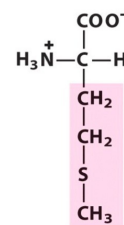
Nonpolar, aliphatic R Groups

Lysine (Lys/K)



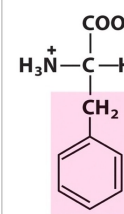
Positively charged R groups

Methionine (Met/M)



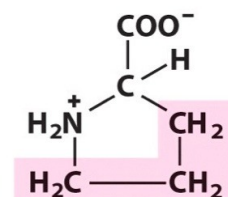
Nonpolar, aliphatic R Groups

Phenylalanine (Phe/F)



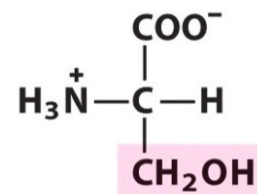
Aromatic R groups

Proline (Pro/P)



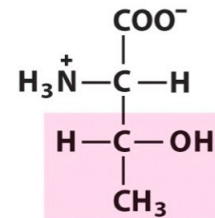
Nonpolar, aliphatic R Groups

Serine (Ser/S)



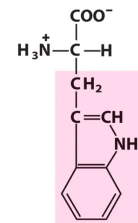
Polar, uncharged R groups

Threonine (Thr/T)



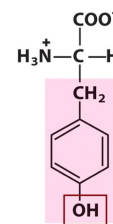
Polar, uncharged R groups

Tryptophan (Trp/W)



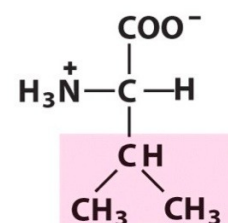
Aromatic R groups

Tyrosine (Tyr/Y)



Aromatic R groups

Valine (Val/V)



Nonpolar, aliphatic R Groups