Glycine (Gly, G)	H <sub>2</sub> N OH	Methionine (Met, M)	S OH NH <sub>2</sub>
Alanine (Ala, A)	OH NH <sub>2</sub>	Glutamine (Gln, Q)	H <sub>2</sub> N OH NH <sub>2</sub>
Valine (Val, V)	OH NH <sub>2</sub>	Asparagine (Asn, N)	$H_2N$ OH $NH_2$
Leucine (Leu, L)	OH NH <sub>2</sub>	Lysine (Lys, K)	H <sub>3</sub> N OH NH <sub>2</sub>
Isoleucine (Ile, I)	OH NH <sub>2</sub>	Aspartic Acid (Asp, D)	O O O O O O O O O O O O O O O O O O O
Serine (Ser, S)	HO NH <sub>2</sub> OH	Glutamic Acid (Glu, E)	⊙ OH NH <sub>2</sub>
Cysteine (Cys, C)	HS OH NH <sub>2</sub>	Histidine (His, H)	N HN NH <sub>2</sub> OH
Threonine (Thr, T)	OH O NH <sub>2</sub>	Phenylalanine (Phe, F)	ONH <sub>2</sub>

Tryptophan (Trp, W)	HN NH <sub>2</sub>
	ОН
Tyrosine (Tyr, Y)	HO NH <sub>2</sub>
Proline (Pro, P)	ОН
Arginine (Arg, R)	H <sub>2</sub> N NH <sub>2</sub> OH NH <sub>2</sub>