

AMINO ACID EVERYTHING

The complete unserious guide to help me pass my test

18 Jun 2025

THE CLASSIFICATIONS

- **Nonpolar** (hydrophobic) amino acids: Glycine G Gly, Alanine A Ala, Valine V Val, Leucine L Leu, Isoleucine I Ile, Methionine M Met, Proline P Pro
- **Polar** (hydrophilic) amino acids: Serine S Ser, Threonine T Thr, Cysteine C Cys, Asparagine R Asn, Glutamine Q Gln
- **Acidic** (negatively charged) amino acids: Aspartate D Asp, Glutamate E Glu
- **Basic** (positively charged) amino acids: Histidine H His, Lysine K Lys, Arginine R Arg
- **Aromatic** amino acids: Phenylalanine F Phe, Tyrosine Y Tyr, Tryptophan W Trp

Mnemonics

(polar = hydrophilic)

Nonpolar aliphatic A Valid Link In Google Meets Please

Polar uncharged Question: **C**an **N**ebraska **S**ee **T**he uncharged poles?

Polar negative acidic Negative poles **E**nd acidic **D**ots

Basic polar positive Read **H**is basic, polarizing, positive **K**nowledge

Non-ionizable A Valid Link In Google Meets Please For We Sing Tonight! No Questions

Aromatic Yes, **W**ait, **F**erb's aromatic

Ionizable ... basically all the other ones