

STRUCTURE OF THE DOUBLE HELIX

- THREE MAJOR FORMS

- B-DNA

- A-DNA

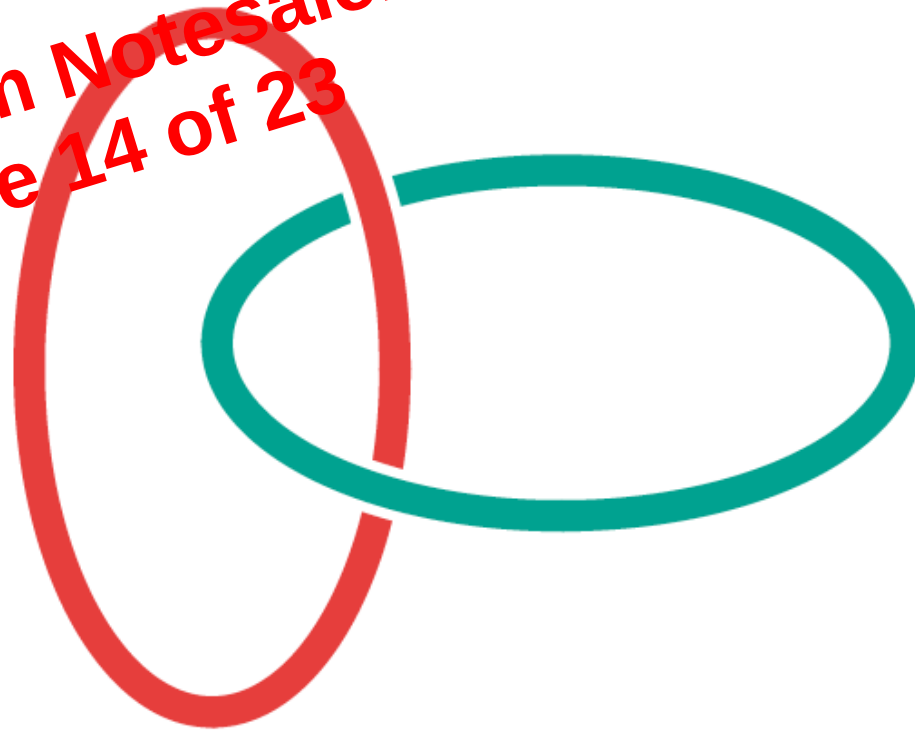
- Z-DNA

B-DNA

- B-DNA IS BIOLOGICALLY THE MOST COMMON
 - RIGHT-HANDED (20 ANGSTROM (A) DIAMETER)
 - COMPLEMENTARY BASE-PAIRING (WATSON-CRICK)
 - A-T
 - G-C
 - EACH BASE PAIR HAS ~ THE SAME WIDTH

Hypothetical circular DNA molecule in
which DNA strands are linked once

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Page 14 of 23



Mode of action of topoisomerase II

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Page 22 of 23

