

Diagram referenced as "Action of DNA polymerase"

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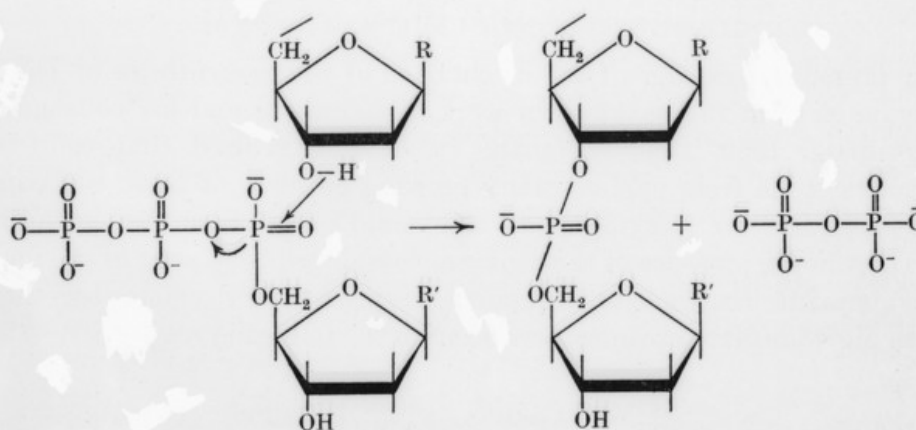
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thymus DNA, collapse on heating at 100° for 15 min. with a pronounced reduction in intrinsic viscosity but only a slight lowering of sedimentation co-efficient. Digestion with pancreatic deoxyribonuclease produces an increase in ultraviolet absorption to an extent identical with that



Action of DNA polymerase (Kornberg, 1959, 1960; Khorana, 1960).

chain (Fig. 4). Inorganic pyrophosphate is liberated and the chain is lengthened by one unit.

A similar polymerase system requiring the deoxyribonucleoside tri-