Diagram referenced as "Action of DNA polymerase"

Contributors

Coombes, Dr.

Publication/Creation

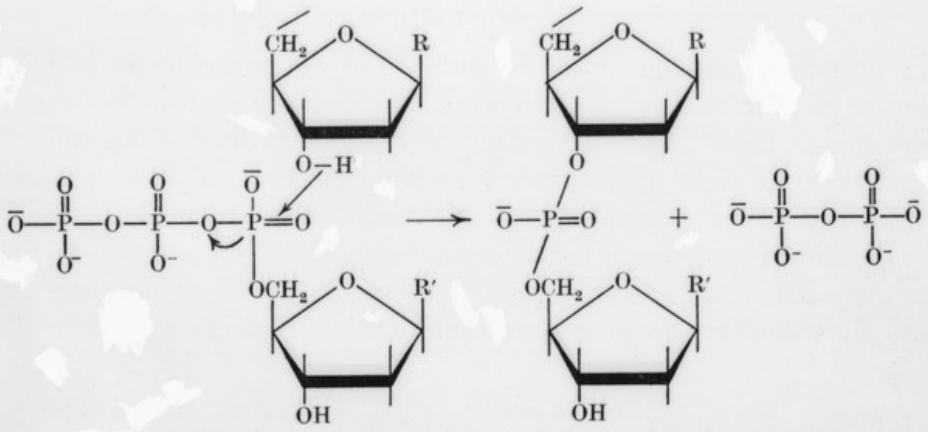
October 1962

Persistent URL

https://wellcomecollection.org/works/vhcdxmxd

Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
https://wellcomecollection.org

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-