

Differences:-

Nucleotide:-

* It is a chemical composition of nitrogenous base, a five carbon sugar (ribose or deoxyribose), and at least one phosphate group.

* This one the main reason for cancer causing agent.

* Eg:- Adenosine, guanosine etc.

Nucleoside:-

* It is a chemical composition of nucleobase consist of sugar without phosphate group.

* This one used as medicine that one primarily used agents of cancer & viruses against causing.

* Eg:- Examples of nucleosides are the same as nucleotide only with the addition of phosphate group.

Bases Present in DNA and RNA:-

DNA Bases:- In DNA, there are four different bases:-

Adenine (A) }
Guanine (G) } are the larger purines.

Cytosine (C) }
Thymine (T) } are the smaller pyrimidines.