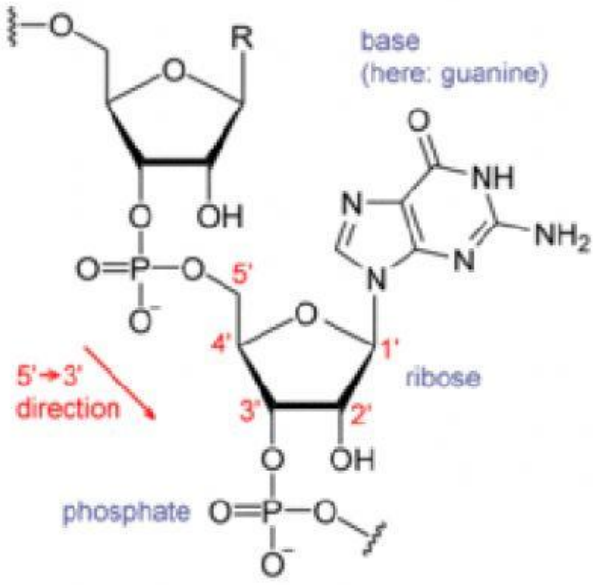
RNA vs DNA

What is RNA.?

RNA(ribonucleic acid) together with DNA make up the nucleic acids.There are different classes of major “macromolecules” which are vital for life



Structure of a fragment of an RNA, showing a guanosyl subunit.

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RNA is a lot like DNA. It is like an instructor or teacher it tells the cell's protein-making factories what DNA wants them to do. It stores genetic information. This is a very important part of the make up of the human body.

What does it do with the genetic information?

It turns this information into proteins that the body needs. It also carries vital information fora lot of virus. It is maybe also have helped life start.

It has sugar-phosphate backbone and contains sequences of nitrogenous bases.

Here below are the differences between DNA and RNA

RNA is smaller than DNA. RNA caps out at around 10,000 bases long, while DNA averages about 100 million

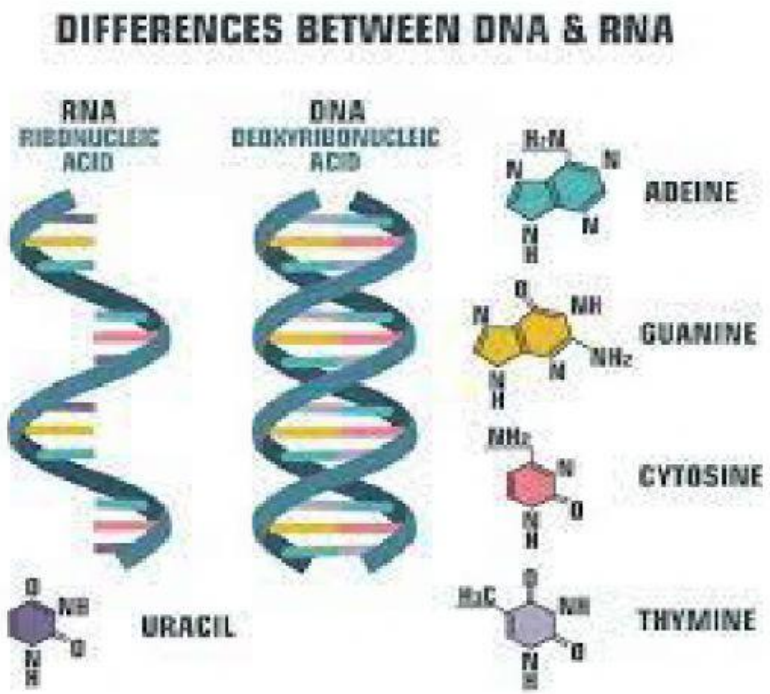
RNA has ribose as the sugar in its backbone.

RNA has Uracil (U) instead of thymine

RNA has only one nucleotide chain. It looks like only one side of the DNA ladder

RNA is a lot like DNA—it's got a sugar-phosphate backbone and contains sequences of nitrogenous bases. However, there are a couple of vital differences between RNA and DNA:

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Questions

1.What is the difference between RNA and DNA?

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2.List some of the differences in RNA to DNA.

3.Why is RNA considered so important .?

4.What is RNA described as and what does it do?

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