

**Source:** [KBhBIO101Diseases](#)

# 1 | Viruses

Definition 1 · **Viruses** Acellular Macromolecular Assemblies

Viruses...

- ...contain protein coat called capsid
- ...use DNA or RNA, but not both
- ...are obligate parasites that could only replicate within host

Assembled and mature viral particles => virions. They usually have three different parts

1. Capsid — the protein coat
2. Genetic material — what they are transmitting/replicating
3. Occasionally outside lipid layer

=> Viruses exist on the nanometre scale, but they are difference in share and size

## 1.1 | Structure of Viruses

See [KBhBIO101StructureOfViruses](#)

## 1.2 | Types of Viruses

See [KBhBIO101TypesOfViruses](#)

## 1.3 | Virus Lifecycle + Infectivity

How do viruses infect people? Basically, they come into your body, hijack the [KBhBIO101CentralDogma](#) system of your body, and leverage it to create more copies of itself. To see more about this, head on over to [KBhBIO101ViralInfection](#)