Coronavirus

Coronavirus is an RNA virus, who's genetic material is single-stranded linear and positive-sense. Its capsid is helical in shape, and enveloped. It leads to the common cold, and a particular strain of coronavirus leads to SARS (severe acute respiratory syndrome).



PLAY PICMONIC

Characteristics

RNA Virus
RNA-rhino
The genetic material for Coronavirus is RNA (ribonucleic acid).

Enveloped
Envelope
The virus capsid is enveloped, meaning there is a membrane formed around it to help entry into the host membrane.

Helical
Helical-shape
The viral capsid for coronavirus is helical shaped.

SS Positive Linear
Plus-sign on Ice-cathedral
The genetic material for coronavirus is composed of RNA, which is single-stranded linear positive.

Symptoms

Common Cold
Commoners have Colds
Coronavirus is responsible for the common cold, and infection of the upper respiratory tract. Patients develop coughing, sneezing, runny nose, fever and conjunctivitis. This occurs typically during the winter and early spring months. Based off of clinical symptoms, it is hard to distinguish from rhinovirus.

SARS (Severe Acute Respiratory Syndrome)
Czar
One strain of coronavirus (SARS-CoV) leads to SARS, or severe acute respiratory syndrome. This is unique in its pathophysiology as it leads to an upper and lower respiratory infection, while also leading to gastroenteritis.

Sign up for FREE at picmonic.com