Koplik spots are white lesions seen on buccal mucosa of which viral infection?

A) Parvovirus B19  
B) Rubella  
C) Varicella  
D) Rubeola  
E) Epstein Bar Virus

Answer

Rubeola, also known as measles virus has an incubation period of 7-18 days before the development of a classical prodrome: Cough, fever, coryza and fever. Shortly after the characteristic erythematous, maculopapular rash appears spreading over 3-4 days from the head, then over the trunk and to the limbs.

Koplik spots seen on the inside of the mouth, may herald the outbreak of the rash by 24-48hrs.

As measles is a notifiable public health condition, investigations should be prompted if there is the characteristic rash and fever for 3 days, along with one of the prodrome features.