



ABSTARCT

Rotavirus A is one of the leading causes of diarrhea in humans and causes deaths in children all over the world. For the molecular analysis of vp7 gene of Rotavirus A, fecal samples were collected from diarrheic children and were confirmed for presence of rotavirus A by polyclonal sandwich ELISA. RNA extraction was done using trizol method. Polymerase chain reaction and sequencing of VP7 gene were also performed. The partial sequencing of VP7 gene showed its gene sequence to be 177 bp. This study may contribute towards the control strategies of diarrhea by rotavirus. In addition its comparison can also be studied between animals and mammalian species.