



ABSTRACT

Rotavirus is one of the significant causes of diarrhea in children up to the age of 2 years. It causes many deaths in infants all over the world. It has many genes for causing pathogenicity e.g. VP4 gene, the protein VP4 causes the virus to attach and cause infection in infants. For isolation and sequencing of VP4 gene, Collection of samples was done from government hospitals. RNA extraction was done by using these fecal samples and PCR was done for amplification of vp4 genes by using specific optimized primers. Partial Sequencing was then done which showed its size of 440 bp.