

ABSTRACT

A BUFFER FREE, ACID STABLE LOW DOSE VOLUME ROTAVIRUS VACCINE

A buffer free, acid stable, low dose volume rotavirus vaccine is disclosed. The vaccine is available in dose volume of less than 1 ml per dose for oral administration and it is without any
5 buffer. The vaccine also does not require pre or post administration of any antacid at the time of oral administration of the vaccine to the subject to neutralize the stomach acid. The vaccine exemplifies nominal drop in vaccine titer at pH 2-4 for a time span of 30 minutes. The vaccine is stable at -20°C for at least 60 months.

10 [No Fig.]