

## Vaccine ID:

Name:

**RV**

Pathogen:

**Rotavirus**

Class:

**Live attenuated**

Produced from:

**Monkey kidney cells (Vero cells)**

Inactivation:

**Attenuated**

Adjuvants:

**None**

Schedule:

**Immunization at birth. Boosts at 2 & 6 months**

Contains:

**Produced by several companies. Generally, these vaccines contain: ~1 million infectious units of live attenuated single strain, or a mixture of several strains. The vaccine may also contain residual components of the tissue culture growth medium.**



Approval date:

**The first rotavirus vaccine was licensed for use in the US in 1998. However, in 1999, the manufacturer withdrew it from the market after finding out the vaccine may be responsible for an increased risk for intussusception, a type of bowel obstruction, in one of every 12,000 vaccinated infants. Consequently, a new and improved vaccine was developed and was demonstrated to be safe and effective in children (2006).**

**In 2009, the World Health Organization [WHO] recommended that vaccination for rotavirus should be included in all national immunization programs to provide protection against this virus.**