ROTATEQ- rotavirus vaccine, live, oral, pentavalent solution
Merck Sharp & Dohme LLC

HIGHLIGHTS OF PRESCRIBING INFORMATION
These highlights do not include all the information needed to use RotaTeq safely and effectively. See full prescribing information for RotaTeq.

RotaTeq® (Rotavirus Vaccine, Live, Oral, Pentavalent) oral solution
Initial U.S. Approval: 2006

RECENT MAJOR CHANGES

Dosage and Administration (2.1, 2.2)	5/2026

INDICATIONS AND USAGE

RotaTeq is a vaccine indicated for the prevention of rotavirus gastroenteritis caused by types G1, G2, G3, G4, and G9. (1)

RotaTeq is approved for use in infants 6 weeks to 32 weeks of age. (1)

DOSAGE AND ADMINISTRATION

- FOR ORAL USE ONLY.
- Administer orally as a series of 3 doses starting at 6 to 12 weeks of age, with the subsequent doses administered at 4 to 10 week intervals. The third dose should not be given after 32 weeks of age. (2)

DOSAGE FORMS AND STRENGTHS

Oral solution. Each dose is 2 mL. (3)

CONTRAINDICATIONS

- A demonstrated history of hypersensitivity to the vaccine or any component of the vaccine. (4.1)
- History of Severe Combined Immunodeficiency Disease (SCID). (4.2)
- History of intussusception. (4.3)

WARNINGS AND PRECAUTIONS

- No safety or efficacy data are available from clinical trials regarding the administration of RotaTeq to infants who are potentially immunocompromised (e.g., HIV/AIDS). (5.2)
- In a postmarketing study, cases of intussusception were observed in temporal association within 21 days following the first dose of RotaTeq, with a clustering of cases in the first 7 days. (5.3, 6.2)
- No safety or efficacy data are available for the administration of RotaTeq to infants with a history of gastrointestinal disorders (e.g., active acute gastrointestinal illness, chronic diarrhea, failure to thrive, history of congenital abdominal disorders, and abdominal surgery). (5.4)
- Vaccine virus transmission from vaccine recipient to non-vaccinated contacts has been reported. Caution is advised when considering whether to administer RotaTeq to individuals with immunodeficient contacts. (5.5)

ADVERSE REACTIONS

Most common adverse events included diarrhea, vomiting, irritability, otitis media, nasopharyngitis, and bronchospasm. (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Merck Sharp & Dohme LLC at 1-877-888-4231 or VAERS at 1-800-822-7967 or www.vaers.hhs.gov.

USE IN SPECIFIC POPULATIONS

Pediatric Use: Safety and efficacy have not been established in infants less than 6 weeks of age or greater than 32 weeks of age. Data are available from clinical studies to support the use of RotaTeq in:

- Pre-term infants according to their age in weeks since birth
- Infants with controlled gastroesophageal reflux disease. (8.4)

See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling.

Revised: 5/2026

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FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

RotaTeq® is indicated for the prevention of rotavirus gastroenteritis in infants and children caused by types G1, G2, G3, G4, and G9 when administered as a 3-dose series to infants between the ages of 6 to 32 weeks. The first dose of RotaTeq should be administered between 6 and 12 weeks of age *[see Dosage and Administration (2.1)]*.

2 DOSAGE AND ADMINISTRATION

FOR ORAL USE ONLY.

2.1 Dosing and Schedule

Each dose is 2 mL.

Administer orally as a series of 3 doses starting at 6 to 12 weeks of age, with the subsequent doses administered at 4 to 10 week intervals. The third dose should not be given after 32 weeks of age *[see Clinical Studies (14)].*

There are no restrictions on the infant's consumption of food or liquid, including breast milk, either before or after vaccination with RotaTeq.

2.2 Preparation and Administration

Presentations

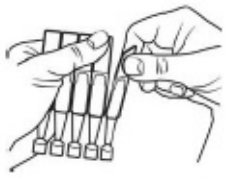
RotaTeq is supplied in two presentations for oral use:

- **Ampule**: single-dose ampule supplied in a strip consisting of 5 single-dose ampules.
- **Tube**: single-dose tube supplied individually wrapped in a pouch.

Verify the presentation prior to referring to instructions below**.**

Ampule – Preparation and Administration Instructions

Each ampule consists of a squeezable plastic container with a twist-off top, allowing for direct oral administration. Ampules are supplied as 5 single-dose ampules in a strip.



Step 1: Separate the ampule from the strip (as appropriate). If there are remaining ampules on the strip, immediately place remaining ampules in the carton to protect from light and store refrigerated at 2 to 8°C (36 to 46°F).



Step 2: Clear the fluid from the dispensing tip by holding ampule vertically and tapping.



Step 3: Open the ampule in one motion: Hold the ampule upright. Hold the top between the thumb and forefinger and twist-off without squeezing ampule.

Immediately dispose the separated top in an approved biological waste container according to local regulations.
Note: Due to its small size, the top may pose a danger of choking.



Step 4: Administer dose by gently squeezing liquid into infant's mouth toward the inner cheek until ampule is empty. (A residual drop may remain in the tip of the ampule.)

If for any reason an incomplete dose is administered (e.g., infant spits or regurgitates the vaccine), a replacement dose is not recommended, since such dosing was not studied in the clinical trials. The infant should continue to receive any remaining doses in the recommended series.

Discard the empty ampule in approved biological waste container according to local regulations.

Tube – Preparation and Administration Instructions

Each tube consists of a squeezable plastic container with a twist-off cap, allowing for direct oral administration. Each tube is supplied in an individually wrapped pouch.



Step 1: Tear open the pouch and remove the tube.



Step 2: Clear the fluid from the dispensing tip by holding tube vertically and tapping cap.

Open the tube in 2 easy motions as shown in figures accompanying Steps 3 and 4:



Step 3:
1. Puncture the dispensing tip by screwing cap ***clockwise*** until it becomes tight.



Step 4:
2. Remove cap by turning it ***counterclockwise***.



Step 5: Administer dose by gently squeezing liquid into infant's mouth toward the inner cheek until tube is empty. (A residual drop may remain in the tip of the tube.)
If for any reason an incomplete dose is administered (e.g., infant spits or regurgitates the vaccine), a replacement dose is not recommended, since such dosing was not studied in the clinical trials. The infant should continue to receive any remaining doses in the recommended series.

Discard the empty tube and cap in an approved biological waste container according to local regulations.

3 DOSAGE FORMS AND STRENGTHS

Oral solution. Each dose is 2 mL.

4 CONTRAINDICATIONS

4.1 Hypersensitivity

RotaTeq is contraindicated in infants with a demonstrated history of hypersensitivity to any component of the vaccine. Infants who develop symptoms suggestive of hypersensitivity after receiving a dose of RotaTeq should not receive further doses of RotaTeq.

4.2 Severe Combined Immunodeficiency Disease

RotaTeq is contraindicated in infants with Severe Combined Immunodeficiency Disease (SCID) and should not receive RotaTeq. Postmarketing reports of gastroenteritis, including severe diarrhea and prolonged shedding of vaccine virus, have been reported in infants who were administered RotaTeq and later identified as having SCID.

4.3 History of Intussusception

RotaTeq is contraindicated in infants with a history of intussusception and should not receive RotaTeq.

5 WARNINGS AND PRECAUTIONS

5.1 Managing Allergic Reactions

Appropriate medical treatment and supervision must be available to manage possible anaphylactic reactions following administration of the vaccine.

5.2 Immunocompromised Populations

No safety or efficacy data are available from clinical trials regarding the administration of RotaTeq to infants who are potentially immunocompromised including:

- Infants with blood dyscrasias, leukemia, lymphomas of any type, or other malignant neoplasms affecting the bone marrow or lymphatic system.
- Infants on immunosuppressive therapy (including high-dose systemic corticosteroids). RotaTeq may be administered to infants who are being treated with topical corticosteroids or inhaled steroids.
- Infants with primary and acquired immunodeficiency states, including HIV/AIDS or other clinical manifestations of infection with human immunodeficiency viruses; cellular immune deficiencies; and hypogammaglobulinemic and dysgammaglobulinemic states. There are insufficient data from the clinical trials to support administration of RotaTeq to infants with indeterminate HIV status who are born to mothers with HIV/AIDS.
- Infants who have received a blood transfusion or blood products, including immunoglobulins within 42 days.
- Immunosuppressive therapies including irradiation, antimetabolites, alkylating agents, cytotoxic drugs and corticosteroids (used in greater than physiologic doses), may reduce the immune response to RotaTeq.

Vaccine virus transmission from vaccine recipient to non-vaccinated contacts has been reported *[see Warnings and Precautions (5.5)].*

5.3 Intussusception

Following administration of a previously licensed live rhesus rotavirus reassortant vaccine, an increased risk of intussusception was observed.{1}

In a postmarketing observational study in the US cases of intussusception were observed in temporal association within 21 days following the first dose of RotaTeq, with a clustering of cases in the first 7 days. *[see Adverse Reactions (6.2)].*

In worldwide passive postmarketing surveillance, cases of intussusception have been reported in temporal association with RotaTeq. *[see Adverse Reactions (6.2)].*

5.4 Gastrointestinal Illness

No safety or efficacy data are available for administration of RotaTeq to infants with a history of gastrointestinal disorders including infants with active acute gastrointestinal illness, infants with chronic diarrhea and failure to thrive, and infants with a history of congenital abdominal disorders, and abdominal surgery. Caution is advised when considering administration of RotaTeq to these infants.

5.5 Shedding and Transmission

Shedding of vaccine virus was evaluated among a subset of subjects in the Rotavirus Efficacy and Safety Trial (Study 006, also known as REST) 4 to 6 days after each dose and among all subjects who submitted a stool antigen rotavirus positive sample at any time. RotaTeq was shed in the stools of 32 of 360 [8.9%, 95% CI (6.2%, 12.3%)] vaccine recipients tested after dose 1; 0 of 249 [0.0%, 95% CI (0.0%, 1.5%)] vaccine recipients tested after dose 2; and in 1 of 385 [0.3%, 95% CI (<0.1%, 1.4%)] vaccine recipients after dose 3. In phase 3 studies, shedding was observed as early as 1 day and as late as 15 days after a dose. Transmission of vaccine virus was not evaluated in phase 3 studies.

Transmission of vaccine virus strains from vaccinees to non-vaccinated contacts has been observed postmarketing.

The potential risk of transmission of vaccine virus should be weighed against the risk of acquiring and transmitting natural rotavirus.

Caution is advised when considering whether to administer RotaTeq to individuals with immunodeficient close contacts such as:

- Individuals with malignancies or who are otherwise immunocompromised;
- Individuals with primary immunodeficiency; or
- Individuals receiving immunosuppressive therapy.

5.6 Febrile Illness

Febrile illness may be reason for delaying use of RotaTeq except when, in the opinion of the physician, withholding the vaccine entails a greater risk. Low-grade fever (<100.5°F [38.1°C]) itself and mild upper respiratory infection do not preclude vaccination with RotaTeq.

5.7 Incomplete Regimen

The clinical studies were not designed to assess the level of protection provided by only one or two doses of RotaTeq.

5.8 Limitations of Vaccine Effectiveness

RotaTeq may not protect all vaccine recipients against rotavirus.

5.9 Post-Exposure Prophylaxis

No clinical data are available for RotaTeq when administered after exposure to rotavirus.

6 ADVERSE REACTIONS

6.1 Clinical Studies Experience

71,725 infants were evaluated in 3 placebo-controlled clinical trials including 36,165 infants in the group that received RotaTeq and 35,560 infants in the group that received placebo. Parents/guardians were contacted on days 7, 14, and 42 after each dose regarding intussusception and any other serious adverse events. The racial distribution was as follows: White (69% in both groups); Hispanic-American (14% in both groups); Black (8% in both groups); Multiracial (5% in both groups); Asian (2% in both groups); Native American (RotaTeq 2%, placebo 1%); and Other (<1% in both groups). The gender distribution was 51% male and 49% female in both vaccination groups.

Because clinical trials are conducted under conditions that may not be typical of those observed in clinical practice, the adverse reaction rates presented below may not be reflective of those observed in clinical practice.

Serious Adverse Events

Serious adverse events occurred in 2.4% of recipients of RotaTeq when compared to 2.6% of placebo recipients within the 42-day period of a dose in the phase 3 clinical studies of RotaTeq. The most frequently reported serious adverse events for RotaTeq compared to placebo were:

bronchiolitis (0.6% RotaTeq vs. 0.7% Placebo),

gastroenteritis (0.2% RotaTeq vs. 0.3% Placebo),

pneumonia (0.2% RotaTeq vs. 0.2% Placebo),

fever (0.1% RotaTeq vs. 0.1% Placebo), and

urinary tract infection (0.1% RotaTeq vs. 0.1% Placebo).

Deaths

Across the clinical studies, 52 deaths were reported. There were 25 deaths in the RotaTeq recipients compared to 27 deaths in the placebo recipients. The most commonly reported cause of death was sudden infant death syndrome, which was observed in 8 recipients of RotaTeq and 9 placebo recipients.

Intussusception

In Study 006, 34,837 vaccine recipients and 34,788 placebo recipients were monitored by active surveillance to identify potential cases of intussusception at 7, 14, and 42 days after each dose, and every 6 weeks thereafter for 1 year after the first dose.

For the primary safety outcome, cases of intussusception occurring within 42 days of any dose, there were 6 cases among RotaTeq recipients and 5 cases among placebo recipients (see Table 1). The data did not suggest an increased risk of intussusception relative to placebo.

Table 1: Confirmed cases of intussusception in recipients of RotaTeq as compared with placebo recipients during Study 006

	RotaTeq (n=34,837)	Placebo (n=34,788)
Confirmed intussusception cases within 42 days of any dose	6	5
Relative risk (95% CI) *	1.6 (0.4, 6.4)	
Confirmed intussusception cases within 365 days of dose 1	13	15
Relative risk (95% CI)	0.9 (0.4, 1.9)	

* Relative risk and 95% confidence interval based upon group sequential design stopping criteria employed in Study 006.

Among vaccine recipients, there were no confirmed cases of intussusception within the 42 day period after the first dose, which was the period of highest risk for the rhesus rotavirus-based product (see Table 2).

Table 2: Intussusception cases by day range in relation to dose in Study 006

	Dose 1		Dose 2		Dose 3		Any Dose	
Day Range	RotaTeq	Placebo	RotaTeq	Placebo	RotaTeq	Placebo	RotaTeq	Placebo
1-7	0	0	1	0	0	0	1	0
1-14	0	0	1	0	0	1	1	1
1-21	0	0	3	0	0	1	3	1
1-42	0	1	4	1	2	3	6	5

All of the children who developed intussusception recovered without sequelae with the exception of a 9-month-old male who developed intussusception 98 days after dose 3 and died of post-operative sepsis. There was a single case of intussusception among 2,470 recipients of RotaTeq in a 7-month-old male in the phase 1 and 2 studies (716 placebo recipients).

Hematochezia

Hematochezia reported as an adverse experience occurred in 0.6% (39/6,130) of vaccine and 0.6% (34/5,560) of placebo recipients within 42 days of any dose. Hematochezia reported as a serious adverse experience occurred in <0.1% (4/36,150) of vaccine and <0.1% (7/35,536) of placebo recipients within 42 days of any dose.

Seizures

All seizures reported in the phase 3 trials of RotaTeq (by vaccination group and interval after dose) are shown in Table 3.

Table 3: Seizures reported by day range in relation to any dose in the phase 3 trials of RotaTeq

Day range	1-7	1-14	1-42
RotaTeq	10	15	33
Placebo	5	8	24

Seizures reported as serious adverse experiences occurred in <0.1% (27/36,150) of vaccine and <0.1% (18/35,536) of placebo recipients (not significant). Ten febrile seizures were reported as serious adverse experiences, 5 were observed in vaccine recipients and 5 in placebo recipients.

Kawasaki Disease

In the phase 3 clinical trials, infants were followed for up to 42 days of vaccine dose. Kawasaki disease was reported in 5 of 36,150 vaccine recipients and in 1 of 35,536 placebo recipients with unadjusted relative risk 4.9 (95% CI 0.6, 239.1).

Most Common Adverse Events

Solicited Adverse Events

Detailed safety information was collected from 11,711 infants (6,138 recipients of RotaTeq) which included a subset of subjects in Study 006 and all subjects from Studies 007 and 009 (Detailed Safety Cohort). A Vaccination Report Card was used by

parents/guardians to record the child's temperature and any episodes of diarrhea and vomiting on a daily basis during the first week following each vaccination. Table 4 summarizes the frequencies of these adverse events and irritability.

Table 4: Solicited adverse experiences within the first week after doses 1, 2, and 3 (Detailed Safety Cohort)

Adverse experience	Dose 1		Dose 2		Dose 3	
	RotaTeq	Placebo	RotaTeq	Placebo	RotaTeq	Placebo
Elevated temperature*	n=5,616 17.1%	n=5,077 16.2%	n=5,215 20.0%	n=4,725 19.4%	n=4,865 18.2%	n=4,382 17.6%
	n=6,130	n=5,560	n=5,703	n=5,173	n=5,496	n=4,989
Vomiting	6.7%	5.4%	5.0%	4.4%	3.6%	3.2%
Diarrhea	10.4%	9.1%	8.6%	6.4%	6.1%	5.4%
Irritability	7.1%	7.1%	6.0%	6.5%	4.3%	4.5%

* Temperature ≥100.5°F [38.1°C] rectal equivalent obtained by adding 1 degree F to otic and oral temperatures and 2 degrees F to axillary temperatures

Other Adverse Events

Parents/guardians of the 11,711 infants were also asked to report the presence of other events on the Vaccination Report Card for 42 days after each dose.

Fever was observed at similar rates in vaccine (N=6,138) and placebo (N=5,573) recipients (42.6% vs. 42.8%). Adverse events that occurred at a statistically higher incidence (i.e., 2-sided p-value <0.05) within the 42 days of any dose among recipients of RotaTeq as compared with placebo recipients are shown in Table 5.

Table 5: Adverse events that occurred at a statistically higher incidence within 42 days of any dose among recipients of RotaTeq as compared with placebo recipients

Adverse event	RotaTeq N=6,138	Placebo N=5,573
	n (%)	n (%)
Diarrhea	1,479 (24.1%)	1,186 (21.3%)
Vomiting	929 (15.2%)	758 (13.6%)
Otitis media	887 (14.5%)	724 (13.0%)
Nasopharyngitis	422 (6.9%)	325 (5.8%)
Bronchospasm	66 (1.1%)	40 (0.7%)

Safety in Pre-Term Infants

RotaTeq or placebo was administered to 2,070 pre-term infants (25 to 36 weeks gestational age, median 34 weeks) according to their age in weeks since birth in Study 006. All pre-term infants were followed for serious adverse experiences; a subset of 308 infants was monitored for all adverse experiences. There were 4 deaths throughout the study, 2 among vaccine recipients (1 SIDS and 1 motor vehicle accident) and 2 among placebo recipients (1 SIDS and 1 unknown cause). No cases of intussusception were

reported. Serious adverse experiences occurred in 5.5% of vaccine and 5.8% of placebo recipients. The most common serious adverse experience was bronchiolitis, which occurred in 1.4% of vaccine and 2.0% of placebo recipients. Parents/guardians were asked to record the child's temperature and any episodes of vomiting and diarrhea daily for the first week following vaccination. The frequencies of these adverse experiences and irritability within the week after dose 1 are summarized in Table 6.

Table 6: Solicited adverse experiences within the first week of doses 1, 2, and 3 among pre-term infants

	Dose 1		Dose 2		Dose 3	
Adverse event	RotaTeq	Placebo	RotaTeq	Placebo	RotaTeq	Placebo
	N=127	N=133	N=124	N=121	N=115	N=108
Elevated temperature*	18.1%	17.3%	25.0%	28.1%	14.8%	20.4%
	N=154	N=154	N=137	N=137	N=135	N=129
Vomiting	5.8%	7.8%	2.9%	2.2%	4.4%	4.7%
Diarrhea	6.5%	5.8%	7.3%	7.3%	3.7%	3.9%
Irritability	3.9%	5.2%	2.9%	4.4%	8.1%	5.4%

* Temperature ≥100.5°F [38.1°C] rectal equivalent obtained by adding 1 degree F to otic and oral temperatures and 2 degrees F to axillary temperatures

6.2 Postmarketing Experience

The following adverse events have been identified during post-approval use of RotaTeq from reports to the Vaccine Adverse Event Reporting System (VAERS).

Reporting of adverse events following immunization to VAERS is voluntary, and the number of doses of vaccine administered is not known; therefore, it is not always possible to reliably estimate the adverse event frequency or establish a causal relationship to vaccine exposure using VAERS data.

In postmarketing experience, the following adverse events have been reported following the use of RotaTeq:

Immune system disorders:

Anaphylactic reaction

Gastrointestinal disorders:

Intussusception (including death)

Hematochezia

Gastroenteritis associated with prolonged vaccine viral shedding in infants with Severe Combined Immunodeficiency Disease (SCID) resulting in severe diarrhea *[see Contraindications (4.2)].*

Acute gastroenteritis associated with vaccine viral shedding in infants without known immune deficiency

Skin and subcutaneous tissue disorders:

Urticaria

Angioedema

Infections and infestations:

Kawasaki disease

Transmission of vaccine virus strains from vaccine recipient to non-vaccinated contacts.

Postmarketing Observational Safety Surveillance Studies

The temporal association between vaccination with RotaTeq and intussusception was evaluated in the Post-licensure Rapid Immunization Safety Monitoring (PRISM) program {2}, an electronic active surveillance program comprised of 3 US health insurance plans.

More than 1.2 million RotaTeq vaccinations (507,000 of which were first doses) administered to infants 5 through 36 weeks of age were evaluated. From 2004 through 2011, potential cases of intussusception in either the inpatient or emergency department setting and vaccine exposures were identified through electronic procedure and diagnosis codes. Medical records were reviewed to confirm intussusception and rotavirus vaccination status.

The risk of intussusception was assessed using self-controlled risk interval and cohort designs, with adjustment for age. Risk windows of 1-7 and 1-21 days were evaluated. Cases of intussusception were observed in temporal association within 21 days following the first dose of RotaTeq, with a clustering of cases in the first 7 days. Based on the results, approximately 1 to 1.5 excess cases of intussusception occur per 100,000 vaccinated US infants within 21 days following the first dose of RotaTeq. In the first year of life, the background rate of intussusception hospitalizations in the US has been estimated to be approximately 34 per 100,000 infants.{3}

In an earlier prospective postmarketing observational cohort study conducted using a large US medical claims database, the risks of intussusception or Kawasaki disease resulting in emergency department visits or hospitalizations during the 30 days following any dose of vaccine were analyzed among 85,150 infants receiving one or more doses of RotaTeq from February 2006 through March 2009. Medical charts were reviewed to confirm these diagnoses. Evaluation included concurrent (n = 62,617) and historical (n=100,000 from 2001-2005) control groups of infants who received diphtheria, tetanus and acellular pertussis vaccine (DTaP) but not RotaTeq.

Confirmed intussusception cases in the RotaTeq group were compared with those in the concurrent DTaP control group and in the historical control group. The data were analyzed post-dose 1 and post any dose, in both 7 day and 30 day risk windows. A statistically significant increased risk of intussusception after RotaTeq vaccination was not observed.

One confirmed case of Kawasaki disease (23 days post-dose 3) was identified among infants vaccinated with RotaTeq and one confirmed case of Kawasaki disease (22 days post-dose 2) was identified among concurrent DTaP controls (relative risk = 0.7; 95% CI: 0.01-55.56).

In addition, general safety was monitored by electronic search of the automated records database for all emergency department visits and hospitalizations in the 30 day period after each dose of RotaTeq compared with: 1) days 31-60 after each dose of RotaTeq (self-matched controls) and 2) the 30 day period after each dose of DTaP vaccine (historical control subset from 2004-2005, n=40,000). In safety analyses which evaluated multiple follow-up windows after vaccination (days: 0-7, 1-7, 8-14 and 0-30), no safety concerns were identified for infants vaccinated with RotaTeq when compared

with self-matched controls and the historical control subset.

7 DRUG INTERACTIONS

7.1 Concomitant Vaccine Administration

In clinical trials, RotaTeq was administered concomitantly with diphtheria and tetanus toxoids and acellular pertussis (DTaP), inactivated poliovirus vaccine (IPV), H. influenzae type b conjugate (Hib), hepatitis B vaccine, and pneumococcal conjugate vaccine *[see Adverse Reactions (6.1), Clinical Studies (14)]*. There was no evidence for reduced antibody responses to the vaccines that were concomitantly administered with RotaTeq.

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

RotaTeq is not approved for individuals 32 weeks of age and older. No human or animal data are available to assess vaccine-associated risks in pregnancy.

8.2 Lactation

No human or animal data are available to assess the impact of RotaTeq on milk production, its presence in breast milk, or its effect on the breastfed infant.

8.4 Pediatric Use

Safety and effectiveness of RotaTeq have not been established in infants less than 6 weeks of age or greater than 32 weeks of age.

Data are available from clinical studies to support the use of RotaTeq in pre-term infants according to their age in weeks since birth *[see Adverse Reactions (6.1)].*

Data are available from clinical studies to support the use of RotaTeq in infants with controlled gastroesophageal reflux disease.

10 OVERDOSAGE

There have been postmarketing reports of infants who received more than one dose or a replacement dose of RotaTeq after regurgitation *[see Dosage and Administration (2.2)]*. In limited postmarketing experience of reported overdosage, the adverse events reported after incorrect administration of higher than recommended doses of RotaTeq were similar to adverse events observed with the approved dosage and schedule.

11 DESCRIPTION

RotaTeq is a live, oral pentavalent vaccine that contains 5 live reassortant rotaviruses. The rotavirus parent strains of the reassortants were isolated from human and bovine hosts. Four reassortant rotaviruses express one of the outer capsid proteins (G1, G2, G3, or G4) from the human rotavirus parent strain and the attachment protein (type P7) from the bovine rotavirus parent strain. The fifth reassortant virus expresses the attachment protein, P1A (genotype P[8]), herein referred to as type P1A[8], from the

human rotavirus parent strain and the outer capsid protein of type G6 from the bovine rotavirus parent strain (see Table 7).

Table 7

Name of Reassortant	Human Rotavirus Parent Strains and Outer Surface Protein Compositions	Bovine Rotavirus Parent Strain and Outer Surface Protein Composition	Reassortant Outer Surface Protein Composition (Human Rotavirus Component in Bold)	Minimum Dose Levels (10^6 infectious units)
G1	WI79 – G1P1A[8]	WC3 - G6, P7[5]	**G1**P7[5]	2.2
G2	SC2 – G2P2[6]		**G2**P7[5]	2.8
G3	WI78 – G3P1A[8]		**G3**P7[5]	2.2
G4	BrB – G4P2[6]		**G4**P7[5]	2.0
P1A[8]	WI79 – G1P1A[8]		G6**P1A[8]**	2.3

The reassortants are propagated in Vero cells using standard cell culture techniques in the absence of antifungal agents.

The reassortants are suspended in a buffered stabilizer solution. Each vaccine dose contains sucrose, sodium citrate, sodium phosphate monobasic monohydrate, sodium hydroxide, polysorbate 80, cell culture media, and trace amounts of fetal bovine serum. RotaTeq contains no preservatives.

RotaTeq, an oral solution, is a pale yellow clear liquid that may have a pink tint.

RotaTeq is supplied in two presentations, an ampule presentation and a tube presentation. The ampule and the plastic tube and cap do not contain latex.

12 CLINICAL PHARMACOLOGY

Rotavirus is a leading cause of severe acute gastroenteritis in infants and young children, with over 95% of these children infected by the time they are 5 years old.{4} The most severe cases occur among infants and young children between 6 months and 24 months of age.{5}

12.1 Mechanism of Action

The exact immunologic mechanism by which RotaTeq protects against rotavirus gastroenteritis is unknown *[see Clinical Studies (14.6)]*. RotaTeq is a live viral vaccine that replicates in the small intestine and induces immunity.

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

RotaTeq has not been evaluated for its carcinogenic or mutagenic potential or its potential to impair fertility.

14 CLINICAL STUDIES

Overall, 73,086 infants were randomized in 4 placebo-controlled, phase 3 studies conducted in 12 countries on 4 continents. The data demonstrating the efficacy of RotaTeq in preventing rotavirus gastroenteritis come from 7,744 of these infants from the US (including Navajo and White Mountain Apache Nations), Finland, and Japan who were enrolled in 3 of these studies: Study 006, Study 007, and Study 029. A fourth trial, Study 009, provided clinical evidence supporting the consistency of manufacture and contributed data to the overall safety evaluation.

The racial distribution of the efficacy subset was as follows: White (RotaTeq 61%, placebo 62%); Hispanic-American (RotaTeq 9%, placebo 8%); Black (2% in both groups); Multiracial (4% in both groups); Asian (10% in both groups); Native American (13% in both groups); and Other (<1% in both groups). The gender distribution was 52% male and 48% female in both vaccination groups.

The efficacy evaluations in these studies included: 1) Prevention of any grade of severity of rotavirus gastroenteritis; 2) Prevention of severe rotavirus gastroenteritis, as defined by a clinical scoring system; and 3) Reduction in hospitalizations due to rotavirus gastroenteritis.

The vaccine was given as a three-dose series to healthy infants with the first dose administered between 6 and 12 weeks of age and followed by two additional doses administered at 4 to 10 week intervals. The age of infants receiving the third dose was 32 weeks of age or less. Oral polio vaccine administration was not permitted; however, other childhood vaccines could be concomitantly administered. Breast-feeding was permitted in all studies.

The case definition for rotavirus gastroenteritis used to determine vaccine efficacy required that a subject meet both of the following clinical and laboratory criteria: (1) greater than or equal to 3 watery or looser-than-normal stools within a 24-hour period and/or forceful vomiting; and (2) rotavirus antigen detection by enzyme immunoassay (EIA) in a stool specimen taken within 14 days of onset of symptoms. The severity of rotavirus acute gastroenteritis was determined by a clinical scoring system that took into account the intensity and duration of symptoms of fever, vomiting, diarrhea, and behavioral changes.

The primary efficacy analyses included cases of rotavirus gastroenteritis caused by types G1, G2, G3, G4 (and G types containing P1A8 (in Study 029 only)) that occurred at least 14 days after the third dose through the first rotavirus season post vaccination.

Analyses were also done to evaluate the efficacy of RotaTeq against rotavirus gastroenteritis caused by any of types G1, G2, G3, and G4 (and G types containing P1A8 (in Study 029 only)) at any time following the first dose through the first rotavirus season postvaccination among infants who received at least one vaccination (Intent-to-treat, ITT).

14.1 Rotavirus Efficacy and Safety Trial (Study 006)

Primary efficacy against any grade of severity of rotavirus gastroenteritis caused by naturally occurring types G1, G2, G3, or G4 through the first rotavirus season after vaccination was 74.0% (95% CI: 66.8, 79.9) and the ITT efficacy was 60.0% (95% CI: 51.5, 67.1). Primary efficacy against severe rotavirus gastroenteritis caused by naturally occurring types G1, G2, G3, or G4 through the first rotavirus season after vaccination was 98.0% (95% CI: 88.3, 100.0), and ITT efficacy was 96.4% (95% CI: 86.2, 99.6). See Table 8.

Table 8: Efficacy of RotaTeq against any grade of severity of and severe* G1-4 rotavirus gastroenteritis through the first rotavirus season postvaccination in Study 006

	Per Protocol		Intent-to-Treat†	
	RotaTeq	Placebo	RotaTeq	Placebo
Subjects vaccinated	2,834	2,839	2,834	2,839
	Gastroenteritis cases			
Any grade of severity	82	315	150	371
Severe*	1	51	2	55
Efficacy estimate % and (95% confidence interval)				
Any grade of severity	74.0 (66.8, 79.9)		60.0 (51.5, 67.1)	
Severe*	98.0 (88.3, 100.0)		96.4 (86.2, 99.6)	

* Severe gastroenteritis defined by a clinical scoring system based on the intensity and duration of symptoms of fever, vomiting, diarrhea, and behavioral changes

† ITT analysis includes all subjects in the efficacy cohort who received at least one dose of vaccine.

The efficacy of RotaTeq against severe disease was also demonstrated by a reduction in hospitalizations for rotavirus gastroenteritis among all subjects enrolled in Study 006. RotaTeq reduced hospitalizations for rotavirus gastroenteritis caused by types G1, G2, G3, and G4 through the first two years after the third dose by 95.8% (95% CI: 90.5, 98.2). The ITT efficacy in reducing hospitalizations was 94.7% (95% CI: 89.3, 97.3) as shown in Table 9.

Table 9: Efficacy of RotaTeq in reducing G1-4 rotavirus-related hospitalizations in Study 006

	Per Protocol		Intent-to-Treat*	
	RotaTeq	Placebo	RotaTeq	Placebo
Subjects vaccinated	34,035	34,003	34,035	34,003
Number of hospitalizations	6	144	10	187
Efficacy estimate % and (95% confidence interval)	95.8 (90.5, 98.2)		94.7 (89.3, 97.3)	

* ITT analysis includes all subjects who received at least one dose of vaccine.

14.2 Study 007

Primary efficacy against any grade of severity of rotavirus gastroenteritis caused by naturally occurring types G1, G2, G3, or G4 through the first rotavirus season after vaccination was 72.5% (95% CI: 50.6, 85.6) and the ITT efficacy was 58.4% (95% CI: 33.8, 74.5). Primary efficacy against severe rotavirus gastroenteritis caused by naturally occurring types G1, G2, G3, or G4 through the first rotavirus season after vaccination was 100% (95% CI: 13.0, 100.0) and ITT efficacy against severe rotavirus disease was

100% (95% CI: 30.2, 100.0) as shown in Table 10.

Table 10: Efficacy of RotaTeq against any grade of severity of and severe* G1-4 rotavirus gastroenteritis through the first rotavirus season postvaccination in Study 007

	Per Protocol		Intent-to-Treat†	
	RotaTeq	Placebo	RotaTeq	Placebo
Subjects vaccinated	650	660	650	660
Gastroenteritis cases				
Any grade of severity	15	54	27	64
Severe*	0	6	0	7
Efficacy estimate % and (95% confidence interval)				
Any grade of severity	72.5 (50.6, 85.6)		58.4 (33.8, 74.5)	
Severe*	100.0 (13.0, 100.0)		100.0 (30.2, 100.0)	

* Severe gastroenteritis defined by a clinical scoring system based on the intensity and duration of symptoms of fever, vomiting, diarrhea, and behavioral change

† ITT analysis includes all subjects in the efficacy cohort who received at least one dose of vaccine.

14.3 Multiple Rotavirus Seasons

The efficacy of RotaTeq through a second rotavirus season was evaluated in a single study (Study 006). Efficacy against any grade of severity of rotavirus gastroenteritis caused by rotavirus types G1, G2, G3, and G4 through the two rotavirus seasons after vaccination was 71.3% (95% CI: 64.7, 76.9). The efficacy of RotaTeq in preventing cases occurring only during the second rotavirus season postvaccination was 62.6% (95% CI: 44.3, 75.4). The efficacy of RotaTeq beyond the second season postvaccination was not evaluated.

14.4 Rotavirus Gastroenteritis Regardless of Type

The rotavirus types identified in the efficacy subset of Study 006 and Study 007 were G1P1A[8]; G2P1[4]; G3P1A[8]; G4P1A[8]; and G9P1A[8].

In Study 006, the efficacy of RotaTeq against any grade of severity of naturally occurring rotavirus gastroenteritis regardless of type was 71.8% (95% CI: 64.5, 77.8) and efficacy against severe rotavirus disease was 98.0% (95% CI: 88.3, 99.9). The ITT efficacy starting at dose 1 was 50.9% (95% CI: 41.6, 58.9) for any grade of severity of rotavirus disease and was 96.4% (95% CI: 86.3, 99.6) for severe rotavirus disease.

In Study 007, the primary efficacy of RotaTeq against any grade of severity of rotavirus gastroenteritis regardless of type was 72.7% (95% CI: 51.9, 85.4) and efficacy against severe rotavirus disease was 100% (95% CI: 12.7, 100). The ITT efficacy starting at dose 1 was 48.0% (95% CI: 21.6, 66.1) for any grade of severity of rotavirus disease and was 100% (95% CI: 30.4, 100.0) for severe rotavirus disease.

14.5 Rotavirus Gastroenteritis by Type

The efficacy against any grade of severity of rotavirus gastroenteritis by type was evaluated in Study 006 and Study 029. The efficacy cohort analysis from Study 006 is

shown in Table 11.

Table 11: Type-specific efficacy of RotaTeq against any grade of severity of rotavirus gastroenteritis among infants in Study 006 efficacy cohort through the first rotavirus season postvaccination (Per Protocol)

Type identified by PCR	Number of cases RotaTeq (N=2,834)	Placebo (N=2,839)	% Efficacy (95% Confidence Interval)
G1P1A[8]	72	286	74.9 (67.3, 80.9)
G2P1[4]	6	17	63.4 (2.6, 88.2)
G3P1A[8]	1	6	NS
G4P1A[8]	3	6	NS
G9P1A[8]	1	3	NS
Unidentified*	11	15	NS

N=number vaccinated
NS=not significant

* Includes rotavirus antigen-positive samples in which the specific type could not be identified by PCR

Additional analyses were conducted to evaluate efficacy in the prevention of rotavirus gastroenteritis due to G9P1A[8].

- In Study 029 (a Phase 3 randomized, blinded, placebo-controlled study conducted in Japan), efficacy on the pre-specified primary endpoint (rotavirus gastroenteritis caused by G1, G2, G3, G4, and G-serotypes associated with serotype P1A[8] (e.g., G9)) was 74.5% (95% CI: 39.9, 90.6). G9P1A[8]-associated gastroenteritis was observed in 0/356 and 5/354 subjects in the RotaTeq and placebo groups, respectively (100% (95% CI: -9.0, 100)).
- In a post hoc analysis of health care utilization data from 68,038 infants (RotaTeq 34,035 and placebo 34,003) in Study 006, using a case definition that included culture confirmation, hospitalization and emergency departments visits for rotavirus gastroenteritis, cases due to G9P1A[8] were reduced (RotaTeq 0 cases: placebo 14 cases) by 100% (95% CI: 69.6, 100.0).

14.6 Immunogenicity

A relationship between antibody responses to RotaTeq and protection against rotavirus gastroenteritis has not been established. In phase 3 studies, 92.9% to 100% of 439 recipients of RotaTeq achieved a 3-fold or more rise in serum anti-rotavirus IgA after a three-dose regimen when compared to 12.3%-20.0% of 397 placebo recipients.

15 REFERENCES

1. Murphy TV, Gargiullo PM, Massoudi MS et al. Intussusception among infants given an oral rotavirus vaccine. N Engl J Med 2001;344:564-572.
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3. Tate JE, Simonsen L, Viboud C, et al. Trends in intussusception hospitalizations among US infants, 1993-2004: implications for monitoring the safety of the new

rotavirus vaccination program. Pediatrics 2008;121(5):e1125-e1132.
4. Parashar UD et al. Global illness and deaths caused by rotavirus disease in children. Emerg Infect Dis 2003;9(5):565-572.
5. Parashar UD, Holman RC, Clarke MJ, Bresee JS, Glass RI. Hospitalizations associated with rotavirus diarrhea in the United States, 1993 through 1995: surveillance based on the new ICD-9-CM rotavirus-specific diagnostic code. J Infect Dis 1998;177:13-7.

16 HOW SUPPLIED/STORAGE AND HANDLING

16.1 How Supplied

RotaTeq is supplied in two presentations, an ampule presentation and a tube presentation, for oral use, as follows:

- Ampule
  - Package (NDC 0006-4379-02) of 10 single-dose ampules supplied as two strips of 5 single-dose ampules (NDC 0006-4379-01)
- Tube
  - Package (NDC 0006-4047-41) of 10 single-dose tubes supplied in individual pouches (NDC 0006-4047-02)
  - Package (NDC 0006-4047-20) of 25 single-dose tubes supplied in individual pouches (NDC 0006-4047-02)

Each dose is 2 mL. RotaTeq is a pale yellow clear liquid that may have a pink tint.

The ampule, and the plastic tube and cap do not contain latex.

16.2 Storage and Handling

Store and transport refrigerated at 2-8°C (36-46°F). RotaTeq should be administered as soon as possible after being removed from refrigeration. For information regarding stability under conditions other than those recommended, call 1-800-637-2590.

Protect from light.

RotaTeq should be discarded in approved biological waste containers according to local regulations.

17 PATIENT COUNSELING INFORMATION

Advise the parent or guardian to read the FDA-approved patient labeling (Patient Information).

- Provide vaccine information in the form of the “Patient Information”.
- Inform the parent or guardian of the benefits and risks associated with the vaccination and encourage them to ask any questions they may have during the visit.
- Discuss the importance of completing the vaccination series unless contraindicated.
- Instruct parent or guardian to report any adverse reactions to their health care provider. Health care providers should report all adverse events to the U.S. Department of Health and Human Services' Vaccine Adverse Events Reporting System (VAERS).
- VAERS accepts all reports of suspected adverse events after the administration of any vaccine, including but not limited to the reporting of events required by the National Childhood Vaccine Injury Act of 1986. For information or a copy of the

vaccine reporting form, call the VAERS toll-free number at 1-800-822-7967 or report online at http://www.vaers.hhs.gov.

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Rahway, NJ 07065, USA

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For patent information: www.msd.com/research/patent

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uspi-v260-os-2605r028

Patient Information
RotaTeq® (pronounced "RŌ-tuh-tek")
rotavirus vaccine, live, oral, pentavalent

Read this information carefully before your child receives each dose of RotaTeq® in case any information about the vaccine changes. Your child will need 3 doses of the vaccine over the course of a few months. This leaflet is a summary of certain information about RotaTeq and does not take the place of talking with your child's doctor, who can give you more complete information written for health care professionals.

What is RotaTeq?

RotaTeq is an oral vaccine used to help prevent rotavirus infection in children. Rotavirus infection can cause fever, vomiting, and diarrhea that can be severe and can lead to loss of body fluids (dehydration), hospitalization and even death in some children. RotaTeq may not fully protect all children that get the vaccine, and if your child already has the virus it will not help them.

Who should not receive RotaTeq?

Your child should not get RotaTeq if:
- He or she had an allergic reaction after getting a dose of this vaccine.
- He or she is allergic to any of the ingredients of the vaccine. A list of ingredients can be found at the end of this leaflet.
- He or she has Severe Combined Immunodeficiency Disease (SCID).
- He or she has ever had intussusception, a form of blockage of the intestines.

What should I tell the doctor before my child gets RotaTeq?

Tell your doctor if your child:
- Has illness with fever. A mild fever or cold by itself is not reason to delay taking the vaccine.
- Has diarrhea or has been vomiting.
- Has not been gaining weight or is not growing as expected.
- Has a blood disorder.
- Has any type of cancer.
- Has a weak immune system because of a disease (this includes HIV/AIDS).
- Gets treatment or takes medicines that may weaken the immune system (such as high doses of steroids) or has received a blood transfusion or blood products within

the past 42 days.
- Was born with gastrointestinal problems, or has had a blockage or abdominal surgery.
- Has regular close contact with a member of family or household who has a weak immune system such as someone with cancer or someone taking medicines that weaken their immune system.

What are the possible side effects of RotaTeq?

The most common side effects reported after taking RotaTeq were diarrhea, vomiting, fever, runny nose and sore throat, wheezing or coughing, and ear infection.

Call your child's doctor or go to the emergency department right away if your child has any of the following problems after getting RotaTeq, even if it has been several weeks since the last dose because these may be signs of a serious problem called intussusception:
- bad vomiting
- bad diarrhea
- severe stomach pain
- blood in the stool

Intussusception happens when a part of the intestine gets blocked or twisted.

Since FDA approval, reports of infants with intussusception following RotaTeq have been received by the Vaccine Adverse Event Reporting System (VAERS). Intussusception occurred days and sometimes weeks after vaccination. Some infants needed hospitalization, surgery on their intestines, or a special enema to treat this problem. Death due to intussusception has occurred.

A study conducted after approval of RotaTeq showed an increased risk of intussusception in the 21 days after the first dose of RotaTeq, but especially in the first 7 days.

Other reported side effects include:
- Allergic reactions, which may be severe and may include face and mouth swelling, difficulty breathing, wheezing, hives, and/or skin rash; and
- Kawasaki disease (a serious condition that can affect the heart; symptoms may include fever, rash, red eyes, red mouth, swollen glands, swollen hands and feet and, if not treated, death can occur).

Call your doctor right away if your child has any side effects that concern you or seem to get worse.

These are NOT all the possible side effects of RotaTeq. You can ask your doctor for a more complete list.

You, as a parent or guardian, may also report any adverse reactions to your child's doctor or directly to VAERS. The VAERS toll-free number is 1-800-822-7967 or report online to www.vaers.hhs.gov.

What other important information should I know?

Since FDA approval, the spread of vaccine virus to non-vaccinated contacts has been reported. Tell your doctor if you have someone in your household who has a weak immune system, cancer or is taking medications that can weaken the immune system

so that your doctor can provide further advice. Hand washing is recommended after diaper changes to help prevent the spread of vaccine virus.

Can RotaTeq be given with other vaccines?

Your child may get RotaTeq at the same time as other childhood vaccines.

How is RotaTeq given?

The vaccine is given by mouth. Your child will receive 3 doses of the vaccine. The first dose is given when your child is 6 to 12 weeks of age, the second dose is given 4 to 10 weeks later and the third dose is given 4 to 10 weeks after the second dose. The last (third) dose should be given to your child by 32 weeks of age.

Your doctor will gently squeeze the vaccine into your child's mouth. Your infant may spit out some or all of it. If this happens, the dose does not need to be given again during that visit.

What do I do if my child misses a dose of RotaTeq?

All 3 doses of the vaccine should be given to your child by 32 weeks of age. Your doctor will tell you when your child should come for the follow-up doses. It is important to keep those appointments. If you forget or are not able to go back at the planned time, ask your doctor for advice.

What else should I know about RotaTeq?

This leaflet gives a summary of certain information about the vaccine. If you have any questions or concerns about RotaTeq, talk to your doctor.

What are the ingredients in RotaTeq?

5 live rotavirus strains (G1, G2, G3, G4, and P1A[8]).

Sucrose, sodium citrate, sodium phosphate monobasic monohydrate, sodium hydroxide, polysorbate 80 and also fetal bovine serum.

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Revised: 5/2026

usppi-v260-os-2605r023

PRINCIPAL DISPLAY PANEL - Carton 10 Single-Dose 2 mL Tubes

NDC 0006-4047-41
10 Single-Dose
2 mL Tubes

Rotavirus Vaccine, Live, Oral, Pentavalent
RotaTeq®

FOR ORAL USE ONLY
Administer orally without mixing with any other vaccines or solutions.

Rx only



PRINCIPAL DISPLAY PANEL - Carton 25 Single-Dose 2 mL Tubes

NDC 0006-4047-20
25 Single-Dose
2 mL Tubes

Rotavirus Vaccine, Live, Oral, Pentavalent
RotaTeq®

FOR ORAL USE ONLY
Administer orally without mixing with any other vaccines or solutions.

Rx only

Manuf and Dist. by:
Merck Sharp & Dohme LLC
Rahway, NJ 07065, USA
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This carton contains 25 single vaccine doses in squeezable plastic latex-free tubes with twist-off caps.

Protect from light. Store and transport refrigerated at 2 to 8°C (36-46°F).
RotaTeq should be administered as soon as possible after being removed from refrigeration.

Each dose is 2 mL
FOR ORAL USE ONLY
Please see prescribing information for additional information.

For product and service information, Call 1-800-672-6372
Different terms may apply for vaccine purchased or supplied under contract.

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XXXX XXXX XX

N 3 0006-4047-20 2

Rotavirus Vaccine, Live, Oral, Pentavalent
RotaTeq®

Each 2 mL oral dose contains 5 rotavirus reassortants that have been propagated in Vero cells. The minimum dose levels (infectious units, IU) are as follows:
G1 (2.2×10^6) IU; G2 (2.8×10^6) IU; G3 (2.2×10^6) IU; G4 (2.0×10^6) IU and P1 (2.3×10^6) IU.
RotaTeq contains no preservatives.

MERCK

25 Single-Dose Tubes
For Oral Use Only

Rotavirus Vaccine, Live, Oral, Pentavalent
RotaTeq®

Manuf and Dist. by:
Merck Sharp & Dohme LLC
Rahway, NJ 07065, USA
U.S. Govt. Lic. No. 0002

NDC 0006-4047-20
25 Single-Dose
2 mL Tubes

Rotavirus Vaccine, Live, Oral, Pentavalent
RotaTeq®

Rotavirus Vaccine, Live, Oral, Pentavalent
RotaTeq®

FOR ORAL USE ONLY
Administer orally without mixing with any other vaccines or solutions.

Discard the empty tube and cap, after vaccine administration, in an approved biological waste container according to the prescribing information.

Encoding area:
Space reserved for 2D Serialization Barcode, Serial Number, Expiry and Lot



PRINCIPAL DISPLAY PANEL - Carton 10 Single-Dose 2 mL Ampules

NDC 0006-4379-02

Rotavirus Vaccine, Live,
Oral, Pentavalent
RotaTeq®

FOR ORAL USE ONLY

Each dose is 2 mL
Contents: 10 single-dose ampules
2 strips of 5 single-dose ampules

Rx only

OPEN HERE

FOR ORAL USE ONLY

Rotavirus Vaccine, Live, Oral, Pentavalent
RotaTeq®

0000000000

GTIN: 00000000000000

10 single-dose amp ules
2 strips of 5 sin gle-dose ampules
Each dose is 2 mL

Ampules are supplied as 2 strips of 5 single-dose ampules. Each ampule consists of a squeezable plastic latex-free container with a twist-off top.

Each dose is 2 mL.
For oral use only

Please see prescribing information for additional information.

Store and transport refrigerated at 2 to 8°C (36-46°F).

Administer RotaTeq as soon as possible after removing from refrigeration.
Store unused ampules in the carton to protect from light until ready for use.

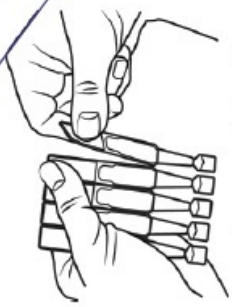
For product and service information, Call 1-800-672-6372
Different terms may apply for vaccine purchased or supplied under contract.

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For Position Only

Encoding area:
Space reserved for 2D Serialization Barcode, Serial Number, Expiry and Lot



Separate one ampule from the strip (as appropriate). If there are remaining ampules on the strip, immediately place remaining ampules in the carton to protect from light and store refrigerated at 2 to 8°C (36 to 46°F).

Rotavirus Vaccine, Live, Oral, Pentavalent
RotaTeq®

Each 2 mL oral dose contains 5 rotavirus reassortants that have been propagated in Vero cells. The minimum dose levels (infectious units, IU) are as follows: G1 (2.2×10^6) IU; G2 (2.8×10^6) IU; G3 (2.2×10^6) IU; G4 (2.0×10^6) IU and P1 (2.3×10^6) IU.
RotaTeq contains no preservatives.

Rotavirus Vaccine, Live, Oral, Pentavalent
RotaTeq®

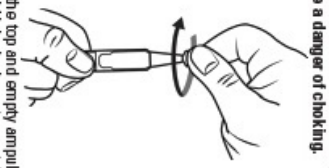
NDC 0006-4379-02

FOR ORAL USE ONLY

Each dose is 2 mL
Contents: 10 single-dose ampules
2 strips of 5 single-dose ampules

Rx only

Discard the top and empty ampule in an approved biological waste container according to the prescribing information.



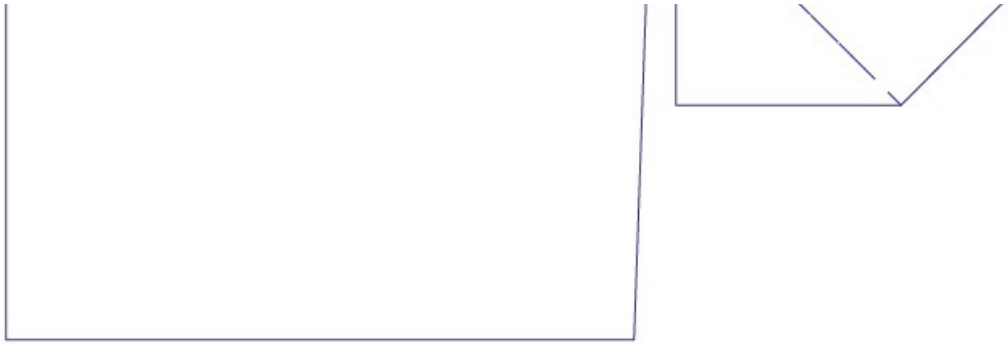
Twist off the top of the ampule according to instructions in the prescribing information. Due to its small size, the top may pose a danger of choking.

Rotavirus Vaccine, Live, Oral, Pentavalent
RotaTeq®

FOR ORAL USE ONLY

Administer orally without mixing with any other vaccines or solutions.

MERCK



ROTATEQ

rotavirus vaccine, live, oral, pentavalent solution

Product Information

Product Type	VACCINE	**Item Code (Source)**	NDC:0006-4047
Route of Administration	ORAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
HUMAN ROTAVIRUS A TYPE G1P7(5) STRAIN WI79 LIVE ANTIGEN (UNII: 25VC15141Q) (HUMAN ROTAVIRUS A TYPE G1P7(5) STRAIN WI79 LIVE ANTIGEN - UNII:25VC15141Q)	HUMAN ROTAVIRUS A TYPE G1P7(5) STRAIN WI79 LIVE ANTIGEN	2200000 [iU] in 2 mL
HUMAN ROTAVIRUS A TYPE G2P7(5) STRAIN SC2 LIVE ANTIGEN (UNII: JU499IS53H) (HUMAN ROTAVIRUS A TYPE G2P7(5) STRAIN SC2 LIVE ANTIGEN - UNII:JU499IS53H)	HUMAN ROTAVIRUS A TYPE G2P7(5) STRAIN SC2 LIVE ANTIGEN	2800000 [iU] in 2 mL
HUMAN ROTAVIRUS A TYPE G3P7(5) STRAIN WI78 LIVE ANTIGEN (UNII: 236YGP181O) (HUMAN ROTAVIRUS A TYPE G3P7(5) STRAIN WI78 LIVE ANTIGEN - UNII:236YGP181O)	HUMAN ROTAVIRUS A TYPE G3P7(5) STRAIN WI78 LIVE ANTIGEN	2200000 [iU] in 2 mL
HUMAN ROTAVIRUS A TYPE G4P7(5) STRAIN BRB LIVE ANTIGEN (UNII: 6334XMP4KC) (HUMAN ROTAVIRUS A TYPE G4P7(5) STRAIN BRB LIVE ANTIGEN - UNII:6334XMP4KC)	HUMAN ROTAVIRUS A TYPE G4P7(5) STRAIN BRB LIVE ANTIGEN	2000000 [iU] in 2 mL
HUMAN ROTAVIRUS A TYPE G6P1A(8) STRAIN WI79 LIVE ANTIGEN (UNII: L1977Q86S5) (HUMAN ROTAVIRUS A TYPE G6P1A(8) STRAIN WI79 LIVE ANTIGEN - UNII:L1977Q86S5)	HUMAN ROTAVIRUS A TYPE G6P1A(8) STRAIN WI79 LIVE ANTIGEN	2300000 [iU] in 2 mL

Inactive Ingredients

Ingredient Name	Strength
ALBUMIN BOVINE (UNII: 27432CM55Q)	
POLYSORBATE 80 (UNII: 6OZP39ZG8H)	
SODIUM HYDROXIDE (UNII: 55X04QC32I)	
SODIUM PHOSPHATE, MONOBASIC, MONOHYDRATE (UNII: 593YOG76RN)	
SUCROSE (UNII: C151H8M554)	
SODIUM CITRATE, UNSPECIFIED FORM (UNII: 1Q73Q2JULR)	

Product Characteristics

Color	YELLOW, PINK (pale yellow clear, may have a pink tint)	**Score**	
Shape		**Size**	

Flavor		**Imprint Code**	
Contains			

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:0006-4047-41	10 in 1 CARTON		
1	NDC:0006-4047-02	1 in 1 POUCH		
1	NDC:0006-4047-01	2 mL in 1 TUBE; Type 0: Not a Combination Product		
2	NDC:0006-4047-20	25 in 1 CARTON		
2	NDC:0006-4047-02	1 in 1 POUCH		
2	NDC:0006-4047-01	2 mL in 1 TUBE; Type 0: Not a Combination Product		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
BLA	BLA125122	02/03/2006	

ROTATEQ

rotavirus vaccine, live, oral, pentavalent solution

Product Information

Product Type	VACCINE	**Item Code (Source)**	NDC:0006-4379
Route of Administration	ORAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
HUMAN ROTAVIRUS A TYPE G1P7(5) STRAIN WI79 LIVE ANTIGEN (UNII: 25VC15141Q) (HUMAN ROTAVIRUS A TYPE G1P7(5) STRAIN WI79 LIVE ANTIGEN - UNII:25VC15141Q)	HUMAN ROTAVIRUS A TYPE G1P7(5) STRAIN WI79 LIVE ANTIGEN	2200000 [iU] in 2 mL
HUMAN ROTAVIRUS A TYPE G2P7(5) STRAIN SC2 LIVE ANTIGEN (UNII: JU499IS53H) (HUMAN ROTAVIRUS A TYPE G2P7(5) STRAIN SC2 LIVE ANTIGEN - UNII:JU499IS53H)	HUMAN ROTAVIRUS A TYPE G2P7(5) STRAIN SC2 LIVE ANTIGEN	2800000 [iU] in 2 mL
HUMAN ROTAVIRUS A TYPE G3P7(5) STRAIN WI78 LIVE ANTIGEN (UNII: 236YGP181O) (HUMAN ROTAVIRUS A TYPE G3P7(5) STRAIN WI78 LIVE ANTIGEN - UNII:236YGP181O)	HUMAN ROTAVIRUS A TYPE G3P7(5) STRAIN WI78 LIVE ANTIGEN	2200000 [iU] in 2 mL
HUMAN ROTAVIRUS A TYPE G4P7(5) STRAIN BRB LIVE ANTIGEN (UNII: 6334XMP4KC) (HUMAN ROTAVIRUS A TYPE G4P7(5) STRAIN BRB LIVE ANTIGEN - UNII:6334XMP4KC)	HUMAN ROTAVIRUS A TYPE G4P7(5) STRAIN BRB LIVE ANTIGEN	2000000 [iU] in 2 mL
HUMAN ROTAVIRUS A TYPE G6P1A(8) STRAIN WI79 LIVE ANTIGEN (UNII: L1977Q86S5) (HUMAN ROTAVIRUS A TYPE G6P1A(8) STRAIN WI79 LIVE ANTIGEN - UNII:L1977Q86S5)	HUMAN ROTAVIRUS A TYPE G6P1A(8) STRAIN WI79 LIVE ANTIGEN	2300000 [iU] in 2 mL

Inactive Ingredients

Ingredient Name	Strength
ALBUMIN BOVINE (UNII: 27432CM55Q)	
POLYSORBATE 80 (UNII: 6OZP39ZG8H)	
SODIUM HYDROXIDE (UNII: 55X04QC32I)	
SODIUM PHOSPHATE, MONOBASIC, MONOHYDRATE (UNII: 593YOG76RN)	
SUCROSE (UNII: C151H8M554)	
SODIUM CITRATE, UNSPECIFIED FORM (UNII: 1Q73Q2JULR)	

Product Characteristics

Color	YELLOW, PINK (pale yellow clear, may have a pink tint)	**Score**	
Shape		**Size**	
Flavor		**Imprint Code**	
Contains			

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:0006-4379-02	10 in 1 CARTON		
1	NDC:0006-4379-01	2 mL in 1 AMPULE; Type 0: Not a Combination Product		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
BLA	BLA125122	05/15/2026	

Labeler - Merck Sharp & Dohme LLC (118446553)

Revised: 5/2026 Merck Sharp & Dohme LLC