

Rotavirus Vaccine Program Summary

(Vaccine Code and Antigen Code: ROT-5)

Live Vaccine

Biological	Indications	Schedule	Specific Contraindications	Expected Reactions
<p>Rotavirus RotaTeq™ • Manufacturer Merck Canada • Includes G1, G2, G3, G4, P1A[8]8. • Licensed from 6 weeks of age</p> <p>Alberta Health has approved an off-license completion schedule.</p> <p>Goal: 95% series completed by 8 months of age.</p> <p>Program history:</p> <ul style="list-style-type: none"> • Rotavirus initiated June 1, 2015 • Rotarix™ (Glaxo-Smith Kline) (ROT) June 1, 2015 – July 15, 2018 • RotaTeq™ (Merck) (ROT-5) initiated May 14, 2018 to present. 	<p>Universal Program: Healthy infants starting immunization at 2 months of age.</p> <p>Notes:</p> <ul style="list-style-type: none"> • Healthy, non-hospitalized preterm infants can receive this vaccine based on their chronological age. • Infants with history of rotavirus gastroenteritis should complete the ROT series if eligible. • Infants living in household with immunocompromised can receive the vaccine. • Transplant recipients, contact CDC Team for direction. • If two valid doses of <i>Rotarix</i> were received, the rotavirus series is complete. (Dose 1: two months of age, max. age 20 weeks. Dose 2: four months of age, min. 4 weeks after dose 1, and before 8 months age). 	<p>RotaTeq (Merck) ROT-5: 3 doses: 2, 4, and 6 months of age Administered orally: 2.0 mL</p> <p>Minimum spacing guidelines for RotaTeq™ for infants off schedule: <i>1st dose:</i> Max. age 14 weeks and 6 days <i>2nd dose:</i> Minimum of 4 months of age and at least 4 weeks after 1st dose <i>3rd dose:</i> Minimum of 6 months of age and at least 4 weeks after 2nd dose. Dose must be administered before 8 calendar months of age.</p> <p>Notes:</p> <ul style="list-style-type: none"> • If the series was started with Rotarix, RotaTeq can be used to complete the series. • If RotaTeq is used for any of the doses, a total of three doses of rotavirus vaccine should be administered as long as they continue to meet age and spacing criteria. • Do not repeat dose in the event of infant spitting up or regurgitating vaccine. • ROT can be administered with or at any time before or after live parenteral vaccines. • If the first dose is given after the maximum age, consult CDC team. • Parents should be informed about low risk of intussusception following rotavirus particularly 1st and 2nd dose. However, risk is small versus benefit of vaccine. 	<p>Contraindications:</p> <ul style="list-style-type: none"> • Infants less than 6 weeks of age or older than 8 months of age. • Known sensitivity to any component of vaccine. • History of anaphylactoid reaction to any previous dose of vaccine. • Infants with a suspected or known immune compromising condition must have a consultation with the infant's physician/specialist prior to receiving the ROT vaccine. • Infants with history of: <ul style="list-style-type: none"> ○ intussusception ○ SCID (severe combined immunodeficiency disorder) ○ uncorrected congenital GI tract disorders (eg. Meckel's diverticulum) • Infants with known or suspected family history of congenital/hereditary immunodeficiency that is a contraindication for live vaccine must have immune competency assessed by physician/specialist before ROT immunization. • Infants of mothers who received immunosuppressive therapy during pregnancy or lactation. Consult CDC team for MOH evaluation. <p>Precautions:</p> <ul style="list-style-type: none"> • Defer if acute febrile illness or moderate to severe diarrhea or vomiting is present. • Immune-suppressive therapy given to a mother during pregnancy or breastfeeding can cause immunosuppression of infants, consult CDC team. • Family to practice strict handwashing especially if in contact with immuno-compromised individuals. 	<p>Common: (1-9%)</p> <ul style="list-style-type: none"> ▪ Fever, diarrhea and/or vomiting ▪ Irritability/fussiness ▪ Loss of appetite ▪ Cough/runny nose ▪ Otitis media <p>Uncommon: (<1%)</p> <ul style="list-style-type: none"> ▪ Flatulence, abdominal pain ▪ Dermatitis ▪ Nasopharyngitis ▪ Bronchospasm <p>Rare: (<1/1000)</p> <ul style="list-style-type: none"> ▪ Hematochezia (blood in stool) ▪ Intussusception (not confirmed – being closely monitored). Signs & symptoms: signs of stomach pain along with severe crying, vomiting, blood in stool, weak or very irritable. May pull their legs up to their chest. ▪ Gastroenteritis

- Note:**
- For oral use only - do not inject. Cold chain must be strictly observed. Vaccine must be protected from light.