

## IMMUNOBIOLOGICS

IMMUNOBIOLOGIC	PRIMARY IMMUNIZATION SCHEDULE	BOOSTER SCHEDULE	COMMENTS AND CONTRAINDICATIONS
<p>Diphtheria and Tetanus Toxoids and Acellular Pertussis Adsorbed, Inactivated Poliovirus and <i>Haemophilus b</i> Conjugate (Tetanus Toxoid Conjugate) Vaccine (DTaP-IPV-Hib)</p> <p>Pentacel® Sanofi Pasteur</p>	<p><b>Children 6 weeks through 59 months</b></p> <p>First: 0.5 mL IM Second: 0.5 mL IM 4-8 weeks later Third: 0.5 mL IM 4-8 weeks later</p> <p>DTaP-IPV-Hib vaccine is approved for administration as a 4 dose series at 2, 4 and 6, and 15-18 months of age. The first dose may be given as early as 6 weeks of age. (See comments)</p> <p><b>Children Previously Vaccinated With One or More Doses of DTaP:</b> DTaP-IPV-Hib vaccine may be used to complete the first 4 doses of the DTaP series in infants and children who have received 1 or more doses of DTaP vaccine and are also scheduled to receive the other antigens of DTaP-IPV-Hib vaccine.</p> <p>Pentacel vaccine contains pertussis antigens that are the same as those in DAPTACEL® vaccine (although with different amounts of detoxified PT and FHA). Whenever possible the same brand of DTaP vaccine should be used for all doses of the vaccination series. However, vaccination should not be deferred because the brand of DTaP used earlier is not known or is not in stock.</p> <p><b>Children Previously Vaccinated With One or More Doses of IPV:</b> DTaP-IPV-Hib vaccine may be used to complete the 4 dose IPV series in infants and children who have received 1 or more doses of another licensed IPV vaccine and are also scheduled to receive the other antigens of DTaP-IPV-Hib vaccine.</p> <p><b>Children Previously Vaccinated With One or More Doses of Haemophilus b Conjugate Vaccine:</b> DTaP-IPV-Hib vaccine may be used to complete the vaccination series in infants and children previously vaccinated with one or more doses of a Haemophilus b Conjugate Vaccine (either separately administered or as part of another combination vaccine), who are also scheduled to receive the other antigens of DTaP-IPV-Hib vaccine. If different brands of Haemophilus b Conjugate Vaccines are administered to complete the series, three primary immunizing doses are needed, followed by a booster dose. The Hib vaccine in Pentacel is ActHIB™ (PRP-T).</p>	<p>Fourth: 0.5 mL IM 6-12 mos. after the third dose (See comments)</p> <p>A booster dose of DTaP vaccine is recommended at 4-6 years of age. DTaP-IPV-Hib vaccine is not approved for the 5<sup>th</sup> dose (booster dose)</p>	<p>The fourth DTaP dose is recommended be administered at 15-18 months of age; it may be administered as early as 12 months of age, provided 6 months have elapsed since the third dose and if the child is unlikely to return at 15-18 months of age.</p> <p>Three doses of DTaP-IPV-Hib vaccine constitute a primary immunization course against diphtheria, tetanus, <i>H influenzae</i> type b invasive disease, and poliomyelitis; the fourth dose constitutes a booster vaccination against diphtheria, tetanus, <i>H influenzae</i> type b invasive disease, and poliomyelitis, and the 4<sup>th</sup> primary series dose of pertussis vaccine.</p> <p>The combined DTaP-IPV-Hib vaccine may be used when any component of the combination is indicated, and if the other components are not contraindicated. The combined DTaP-IPV-Hib vaccine is approved for doses 1-4. The combined DTaP-IPV-Hib vaccine is not indicated for children 5 years of age and older.</p> <p><b>Adverse Reactions:</b> The adverse reactions are expected to be the same as those of the individual component vaccines. See component vaccines for possible adverse reactions.</p> <p><b>Precautions:</b> The precautions are the same as they are for the individual component vaccines.</p> <p><b>Contraindications:</b> The contraindications are the same as they are for the individual component vaccines.</p>