

## Vaccine ID:

Name:

**Hib**

Pathogen:

**The bacterium *Haemophilus influenzae***

Class:

**Subunit**

Produced from:

**Bacterial culture media**

Inactivation:

**Heat inactivation, chemical treatment e.g., formaldehyde**

Adjuvants:

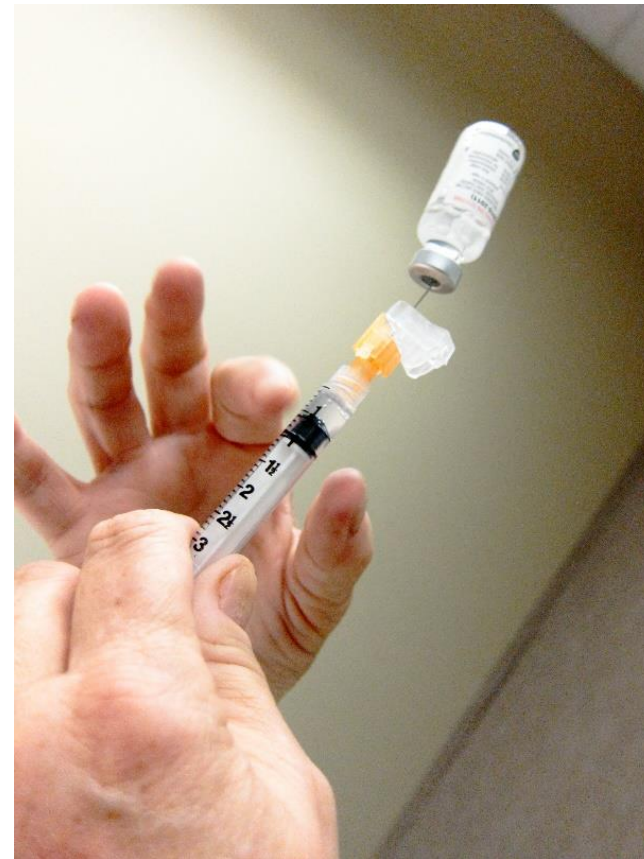
**May or may not contain aluminum salt (225 micrograms)**

Schedule:

**Immunization at 2 months. Boosts at 4, 6 and 12-15 months**

Contains:

**7.5-10 micrograms of *Haemophilus b* capsular polysaccharide typically conjugated to a protein antigen (25-125 micrograms). Some vaccine formulas contain lactose and residual formaldehyde.**



Approval date:

**The first Hib vaccine, licensed in the US in 1985, contained only the polysaccharide of the *Haemophilus influenzae* bacterium and was less effective in children under the age of 18. However, in the early 1990's a new vaccine was introduced in which the polysaccharide was linked to an immunogenic protein.**

**This new conjugate vaccine was successful in inducing a robust immune response in all age groups.**