



Alemtuzumab

Revised: February 28, 2019.

CASRN: 216503-57-0

Drug Levels and Effects

Summary of Use during Lactation

No information is available on the clinical use of alemtuzumab during breastfeeding. Because alemtuzumab is a large protein molecule with a molecular weight of 145,454, the amount in milk is likely to be very low and absorption is unlikely because it is probably destroyed in the infant's gastrointestinal tract. Until more data become available, alemtuzumab should be used with caution or avoided during breastfeeding, especially while nursing a newborn or preterm infant.[1][2][3]

Drug Levels

Maternal Levels. Relevant published information was not found as of the revision date.

Infant Levels. Relevant published information was not found as of the revision date.

Effects in Breastfed Infants

Relevant published information was not found as of the revision date.

Effects on Lactation and Breastmilk

Relevant published information was not found as of the revision date.

Alternate Drugs to Consider

(Multiple Sclerosis) Glatiramer, Immune Globulin, Interferon Beta

References

1. Bove R, Alwan S, Friedman JM et al. Management of multiple sclerosis during pregnancy and the reproductive years: a systematic review. *Obstet Gynecol.* 2014;124:1157-68. PubMed PMID: 25415167.
2. Cree BA. Update on reproductive safety of current and emerging disease-modifying therapies for multiple sclerosis. *Mult Scler.* 2013;19:835-43. PubMed PMID: 23319073.

3. Almas S, Vance J, Baker T et al. Management of multiple sclerosis in the breastfeeding mother. *Mult Scler Int.* 2016;2016:6527458.9 PubMed PMID: 2696657.

Substance Identification

Substance Name

Alemtuzumab

CAS Registry Number

216503-57-0

Drug Class

Breast Feeding

Lactation

Antineoplastic Agents

Antibodies, Monoclonal, Humanized

Immunosuppressive Agents