



Tick-Borne Encephalitis Vaccine

Revised: September 20, 2021.

Drug Levels and Effects

Summary of Use during Lactation

No information is available on the clinical use of tick-borne encephalitis vaccine during breastfeeding. The Centers for Disease Control and Prevention and the several health professional organizations state that vaccines given to a nursing mother do not affect the safety of breastfeeding for mothers or infants.[1-3] Because the vaccine is inactivated and contains no live virus, it cannot infect the mother or infant. No non-live vaccine has previously been reported to cause infant adverse effects via breastfeeding.[4] Maternal vaccination with tick-borne encephalitis vaccine is not a contraindication to breastfeeding.

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.

References

1. Ezeanolue E, Harriman K, Hunter P, et al. Best Practices Guidance of the Advisory Committee on Immunization Practices (ACIP). Available at: <https://www.cdc.gov/vaccines/hcp/acip-recs/general-recs/index.html> Accessed June 5, 2020
2. Kimberlin DW, Brady MT, Jackson MA, et al. Red Book: 2018 Report of the Committee on Infectious Diseases. 31st ed. Elk Grove Village, IL: American Academy of Pediatrics. 2018.

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3. Gruslin A, Steben M, Halperin S, et al. Immunization in pregnancy: No. 220, December 2008. *Int J Gynaecol Obstet.* 2009;105:187–91. PubMed PMID: 19367691.
4. Anderson PO. Maternal vaccination and breastfeeding. *Breastfeed Med.* 2019;14:215–7. PubMed PMID: 30888205.

Substance Identification

Substance Name

Tick-Borne Encephalitis Vaccine

Drug Class

Breast Feeding

Lactation

Vaccines