



## Rabies Vaccine

Revised: June 15, 2020.

## Drug Levels and Effects

### Summary of Use during Lactation

The Centers for Disease Control and Prevention and several health professional organizations state that vaccines given to a nursing mother do not affect the safety of breastfeeding for mothers or infants and that breastfeeding is not a contraindication to rabies vaccine. Breastfed infants should be vaccinated according to the routine recommended schedules.[1-3]

### 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

Limited data indicate that breastfeeding can enhance the response of the infant to certain vaccine antigens. [1,2,4]

### 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.
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.

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4. Pabst HF. Immunomodulation by breast-feeding. *Pediatr Infect Dis J*. 1997;16:991–5. PubMed PMID: 9380478.

## Substance Identification

### Substance Name

Rabies Vaccine

### Drug Class

Breast Feeding

Lactation

Vaccines