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ADAMTS13

Revised: August 15, 2024.

Drug Levels and Effects

Summary of Use during Lactation

ADAMTS13 is a synthetic form of a natural protein in the body. No information is available on the use of ADAMTS13 during breastfeeding. Because ADAMTS13 is a large protein molecule with a molecular weight of 172,000 Da, the amount in milk is likely to be very low.[1] It is also likely to be partially destroyed in the infant's gastrointestinal tract and absorption by the infant is probably minimal.[2] Waiting for at least 2 weeks postpartum to resume therapy may minimize transfer to the infant.[3] It is acceptable to use in nursing mothers.

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. Stratigakis A, Paty D, Zou P, et al. A regression approach for assessing large molecular drug concentration in breast milk. Reprod Breed 2023;3:199-207.
2. Anderson PO. Monoclonal antibodies during breastfeeding. Breastfeed Med 2021;16:591-3. PubMed PMID: 33956488.
3. Krysko KM, Dobson R, Alroughani R, et al. Family planning considerations in people with multiple sclerosis. Lancet Neurol 2023;22:350-66. PubMed PMID: 36931808.

Disclaimer: Information presented in this database is not meant as a substitute for professional judgment. You should consult your healthcare provider for breastfeeding advice related to your particular situation. The U.S. government does not warrant or assume any liability or responsibility for the accuracy or completeness of the information on this Site.

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Substance Identification

Substance Name

ADAMTS13

Drug Class

Breast Feeding

Lactation

Milk, Human

Enzymes

Enzyme Replacement Therapy

ADAMTS13 Protein