



## Rubidium Chloride Rb 82

Revised: June 30, 2019.

CASRN: 132486-03-4

Cl — Rb [82]

## Drug Levels and Effects

### Summary of Use during Lactation

Information in this record refers to the use of rubidium chloride Rb 82 as a diagnostic agent. No information is available on the use of rubidium chloride Rb 82 during breastfeeding. The manufacturer recommends withholding breastfeeding for 1 hour after a diagnostic dose of rubidium chloride Rb 82. This length of time is greater than 10 half-lives of the radioisotope, so the nursing infant should not be exposed to radiation if this guideline is followed. The mother can nurse just before administration of the radiopharmaceutical. If the mother has expressed and saved milk prior to the examination, she can feed it to the infant during the period of nursing interruption.[1][2][3]

### Drug Levels

Rb 82 decays by positron emission with a physical half-life of 75 seconds.

**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 .

## 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. Howe DB, Beardsley M, Bakhsh S. Appendix U. Model procedure for release of patients or human research subjects administered radioactive materials. In, NUREG-1556. Consolidated guidance about materials licenses. Program-specific guidance about medical use licenses. Final report. U.S. Nuclear Regulatory Commission Office of Nuclear Material Safety and Safeguards. 2008;9, Rev. 2.
2. Mountford PJ, Coakley AJ. A review of the secretion of radioactivity in human breast milk: data, quantitative analysis and recommendations. Nucl Med Commun. 1989;10:15-27. PubMed PMID: 2645546.
3. Early PJ, Sodee DB. Principles and practice of nuclear medicine. 2nd ed. St. Louis. Mosby-Year Book, Inc. 1995:1380-1.

## Substance Identification

### Substance Name

Rubidium Chloride Rb 82

### CAS Registry Number

132486-03-4

### Drug Class

Breast Feeding

Lactation

Radiopharmaceuticals

Rubidium Radioisotopes

Diagnostic Agents