

# Animals, Science and Society

## Lactation



# Learning Objectives

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After studying this chapter, you should be able to:

- describe the process of lactation
- list the components of milk
- identify the major components of the mammary gland
- identify and describe a typical lactation curve.
- explain the process by which BST increases milk production

# Mammary Gland Secretions

- ✓ Colostrum
- ✓ First secretion
  - It is NOT milk
- ✓ Secreted first few days
- ✓ Higher in protein than milk
  - Immunoglobulins
  - Protein digestion not functioning
    - Proteins absorbed intact
- ✓ Critical to newborn survival

