



## **Animal Health Diagnostic Center**

College of Veterinary Medicine, Cornell University  
In Partnership with the NYS Dept of Ag & Markets

US Postal Service Address: PO Box 5786  
Ithaca, NY 14852-5786

Courier Service Address: 240 Farrier Rd  
Ithaca, NY 14853

### **AHDC Contacts**

Phone: 607-253-3900  
Fax: 607-253-3943  
Web: [diagcenter.vet.cornell.edu](http://diagcenter.vet.cornell.edu)  
E-mail: [diagcenter@cornell.edu](mailto:diagcenter@cornell.edu)

## AHDC FACT SHEET

# Temperature Conversion Chart

### **Room Temperature (Unrefrigerated)**

Approximately 72°F (Fahrenheit) = Approximately 22°C (Celsius)

### **Refrigeration Temperature (Chilled)**

Approximately 39°F = Approximately 4°C

### **Refrigerator Freezer Temperature (Frost free appliances have built in freeze thaw cycles)**

Approximately 5°F = Approximately -15°C

### **Standard Household Chest Freezer Temperature (Frozen)**

Approximately 0°F = Approximately -20°C

### **Special Freezing Temperatures**

#### **Minus 80 Laboratory Freezer**

-112°F = -80°C

#### **Dry Ice**

-109.3°F = -78.5°C

#### **Liquid Nitrogen**

-320.44°F = -195.8°C

#### **Other:**

#### **Standard Laboratory Incubator for most Mammalian Bacterial Culture**

98.6 °F = 37°C