

## **LACTATED RINGERS- lactated ringers injection, solution Covetrus**

*Disclaimer: This drug has not been found by FDA to be safe and effective, and this labeling has not been approved by FDA. For further information about unapproved drugs, click [here](#).*

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### **Lactated Ringers Injection SC**

#### **Each 100 mL contains:**

Sodium chloride ..... 600 mg  
Sodium lactate ..... 310 mg  
Potassium chloride ..... 30 mg  
Calcium chloride dihydrate ..... 20 mg  
Water for injection ..... q.s.

The calcium, potassium and sodium contents are approximately 2.7, 4.0, and 130 mEq/liter, respectively. Total osmolar concentration: 269 mOsm per liter (calculated).

#### **INDICATIONS:**

For the correction of electrolyte depletion, metabolic acidosis and dehydration of cattle, calves, horses, sheep and swine.

#### **DOSAGE AND ADMINISTRATION:**

May be injected intravenously, subcutaneously or intraperitoneally (except in horses) using strict aseptic technique.

**Cattle and Horses:** 2 to 5 mL per pound of body weight depending on size and condition of animal, repeated 1 to 3 times daily or as needed.

**Swine and Sheep:** 2 to 5 mL per pound of body weight depending on size and condition of animal, repeated 1 to 3 times daily or as needed.

If administered subcutaneously divide the dosage into several sites of injection and massage points of injection to aid in absorption and help prevent inflammation and/or sloughing.

#### **CAUTION:**

Solution should be warmed to body temperature prior to administration and administered at a slow rate. This is a single dose unit. It contains no preservatives. Use entire contents when first opened.

**WARNING:**

Do not administer to horses by intraperitoneal injection. Do not administer to animals with inadequate renal function. Not for use in lactic acidosis.

**Store between 15°C and 30°C (59°F and 86°F)**

TAKE TIME OBSERVE LABEL DIRECTIONS

**STERILE NONPYROGENIC SOLUTION**

FOR ANIMAL USE ONLY

**CAUTION:**

Federal law restricts this drug to use by or on the order of a licensed veterinarian.

KEEP OUT OF REACH OF CHILDREN

NDC: 11695-6410-1

Volume: 33.814 fl oz (1000 mL)

**Questions?** (855) 724-3461

Reorder #069176

Manufactured by  
Nova-Tech, Inc.  
Grand Island, NE 68801

Distributed by:  
Covetrus North America

400 Metro Place North

Dublin, OH 43017

**covetrus.com**

Lot No.      Exp. Date

AH-069176-01

Rev: 0719

18-803

RMS 92-525

Assembled in USA

**Composición:** Cada 100 mL contienen:

Cloruro de sodio .....	600 mg
Lactato de sodio .....	310 mg
Cloruro de potasio .....	30 mg
Dihidrato de cloruro de calcio .....	20 mg
Agua para inyección .....	q.s.

Los contenidos de calcio, potasio y sodio son aproximadamente 2.7, 4.0 y 130 mEq/litro respectivamente. Concentración osmolar total: 269 mOsm por litro (calculada).

**Indicaciones:** Para la corrección del agotamiento de electrolitos, acidosis metabólica y deshidratación en los bovinos, terneros, caballos, ovejas y cerdos.

**Dosis y administración:** Puede inyectarse por vía intravenosa, subcutánea o intraperitoneal (solo en caballos), usando técnicas de asepsia estricta.

**Bovinos y caballos:** 2 a 5 mL por libra EE.UU. (4.4 a 11 mL/kg) de peso corporal de acuerdo al tamaño y la condición del animal, repetidos 1 a 3 veces por día o según sea necesario.

**Cerdos y ovejas:** 2 a 5 mL por libra EE.UU. (4.4 a 11 mL/kg) de peso corporal de acuerdo al tamaño y la condición del animal, repetidos 1 a 3 por día o según sea necesario.

Si se administra por vía subcutánea, hay que dividir la dosis en varios lugares de inyección y masajear los puntos de inyección para ayudar en la absorción y prevenir inflamación y/o formación de costras.

**Precaución:** Debe elevarse la temperatura de la solución a la del cuerpo antes de la administración, la que debe realizarse lentamente. Esta es una unidad de una sola dosis. No contiene agentes conservantes. Usar todo el contenido después de abrir.

**Advertencia:** No administrar a caballos por inyección intraperitoneal. No administrar a animales con función renal inadecuada. No usar en acidosis láctica.

**Almacénese entre 15° y 30° C (59° y 86° F)**

**Tomarse el tiempo requerido para observar las direcciones de la etiqueta.**

N° para nuevo pedido 069176

19-803  
RMS 92-525  
AH-069176-01  
REV: 0719



NDC: 11695-6410-1

# Lactated Ringer's injection SC

ES Solución Ringer's lactada para inyección SC

Sterile nonpyrogenic solution  
Solución estéril no pirrogénica

For animal use only  
Keep out of reach of children

Solamente para uso animal  
Manténgase fuera del alcance de los niños

Caution: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Precaución: Leyes federales restringen el uso de esta droga por o bajo las órdenes de un veterinario con licencia.

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TAKE TIME  
Lot No. OBSERVE LABEL DIRECTIONS

Distributed by:  
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400 Metro Place North  
Dublin, OH 43017  
covetrus.com

Manufactured by:  
Nova-Tech, Inc.  
Grand Island, NE 68801



## LACTATED RINGERS

lactated ringers injection, solution

### Product Information

<b>Product Type</b>	PRESCRIPTION ANIMAL DRUG	<b>Item Code (Source)</b>	NDC:11695-6410
<b>Route of Administration</b>	INTRAVENOUS, SUBCUTANEOUS, INTRAPERITONEAL		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>SODIUM CHLORIDE</b> (UNII: 451W47IQ8X) (CHLORIDE ION - UNII:Q32ZN48698)	SODIUM CHLORIDE	600 mg in 100 mL
<b>SODIUM LACTATE</b> (UNII: TU7HW0W0QT) (LACTIC ACID - UNII:33X04XA5AT)	SODIUM LACTATE	310 mg in 100 mL
<b>POTASSIUM CHLORIDE</b> (UNII: 660YQ98I10) (POTASSIUM CATION - UNII:295O53K152)	POTASSIUM CATION	30 mg in 100 mL
<b>CALCIUM CHLORIDE</b> (UNII: M4I0D6VV5M) (CALCIUM CATION - UNII:2M83C4R6ZB)	CALCIUM CHLORIDE	20 mg in 100 mL

### Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:11695-6410-1	1000 mL in 1 BOTTLE, PLASTIC		

### Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
unapproved drug		12/01/2016	

other

12/01/2010

**Labeler** - Covetrus (603750329)

Revised: 4/2024

Covetrus