

**COMPONENT TE-IH WITH TYLAN- trenbolone acetate, estradiol, tylosin tartrate implant**  
**Elanco US Inc.**

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**Elanco™**

**Component™**

**TE-IH with Tylan™**

**(trenbolone acetate and estradiol and tylosin tartrate implants)**

***For Growing Beef Heifers  
Fed in Confinement  
for Slaughter***

**FOR GROWING BEEF HEIFERS FED IN CONFINEMENT FOR SLAUGHTER**

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

20-dose Cartridge Belt

**Use with a Component Implanter**

**DESCRIPTION:**

Each cartridge belt holds 20 doses of Component TE-IH with Tylan (trenbolone acetate and estradiol and tylosin tartrate implant) Implants. Each dose of 5 pellets consists of 4 pellets containing a total of 80 mg of trenbolone acetate and 8 mg estradiol plus 1 pellet containing 29 mg tylosin tartrate as a local antibacterial.

**INDICATIONS FOR USE:**

For increased rate of weight gain and improved feed efficiency in growing beef heifers fed in confinement for slaughter.

Not approved for repeated implantation (reimplantation) with this or any other cattle ear implant in growing beef heifers fed in confinement for slaughter. Safety and effectiveness following re-implantation have not been evaluated.

Do not use in beef calves less than 2 months of age, dairy calves, and veal calves because effectiveness and safety have not been established.

Do not use in animals intended for subsequent breeding, or in dairy cows.

**NOTE:** Studies have demonstrated that administration of Component TE-IH can result in decreased marbling scores when compared to non-implanted heifers.

**WARNING:**

This product is intended for use in cattle at high risk of developing ear abscesses. Not recommended for use in cattle at low risk of developing ear abscesses (e.g., dry, clean

cattle).

The benefit of using a cattle ear implant containing a tylosin tartrate pellet when animals receive a concomitant antimicrobial product has not been evaluated.

### **Withdrawal Periods and Residue Warnings**

No withdrawal period is required when used according to labeling.

Do not use in beef calves less than 2 months of age, dairy calves, and veal calves. A withdrawal period has not been established for this product in pre-ruminating calves.

Do not use in dairy cows or in animals intended for subsequent breeding. Use in these cattle may cause drug residues in milk and/or calves born to these cows.

Implant pellets subcutaneously in ear only. Any other location is a violation of Federal law. Do not attempt salvage of implanted site for human or animal food.

### **USER SAFETY WARNINGS**

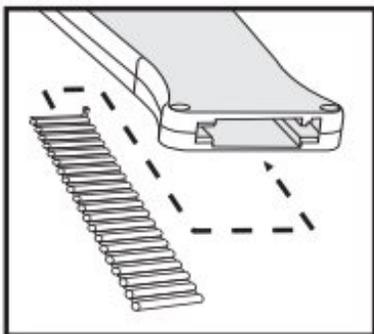
Not for use in humans. Keep out of reach of children.

Restricted Drug (California) - use only as directed.

### **IMPLANTING INSTRUCTIONS:**

#### **Loading the Implanter**

Load the implanter following the instructions supplied with each implanter.



#### **Restrain the Animal**

Speed of implantation as well as safety of handlers is best achieved by restraining animal in a squeeze chute using head restraint. When implanting horned cattle, better control is obtained with additional use of nose tongs.



### **Prepare the Implant Site**

Scrub the back side of the ear (implant site) with a piece of clean absorbent cotton which has been soaked with topical germicidal solution. Follow manufacturer's directions on germicide for correct strength and preparation of solution. Avoid getting disinfectant in animal's eyes.

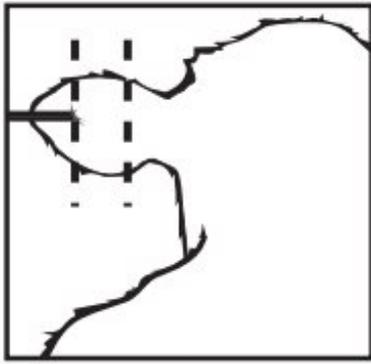
### **Where to Implant**

The full contents of one cartridge cell should be implanted beneath the skin on the back side of the middle one-third of the ear illustrated in the drawing. The implant must not be closer to the head than the edge of the auricular cartilage ring farthest from the head. The location for insertion of the needle is a point toward the tip of the ear at least a needle length away from the intended deposition site. Avoid injuring the large arteries, veins and cartilage of the ear.



### **Insert the Needle**

With one hand firmly grasp the ear. With the other hand insert needle point through the skin and ease forward on a lateral plane until the entire length of the needle is under the skin.



## **Implant the Pellets**

After inserting the needle fully in the correct position, squeeze the trigger fully as the needle is withdrawn from the ear. This properly deposits the implant in the needle track. This procedure should prevent breakage or crushing of pellets if otherwise forced into contact with tough fibrous-tissue underlying the skin. The length and total contact area of a single dose are designed to permit absorption of the hormones after implantation to stimulate good weight gain. Broken or crushed pellets may interfere with rates of gain.

## **Storage Conditions**

Store unopened product at or below 25°C (77°F).  
Avoid excessive heat and humidity.  
Use before the expiration date printed on the foil pouch.  
Discard open foil pouches.

Approved by FDA under ANADA # 200-346

Manufactured by a non-sterilizing process.

Component TE-IH with Tylan (trenbolone acetate and estradiol and tylosin tartrate implants) is covered by U.S. Patent No. 5,874,098

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Distributed by Elanco US Inc.,  
Greenfield, IN 46140, USA

Tylosin: Product of the United Kingdom

**QUESTIONS/COMMENTS?** For a copy of the Safety Data Sheet or to report side effects, contact Elanco US, Inc. at 1-888-545-5973.

For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or <http://www.fda.gov/reportanimalae>.

April 2023

PA104027X AH0511

# Principal Display Panel - Carton Label

**Elanco™**

**Component™**

™

**TE-IH with Tylan™**

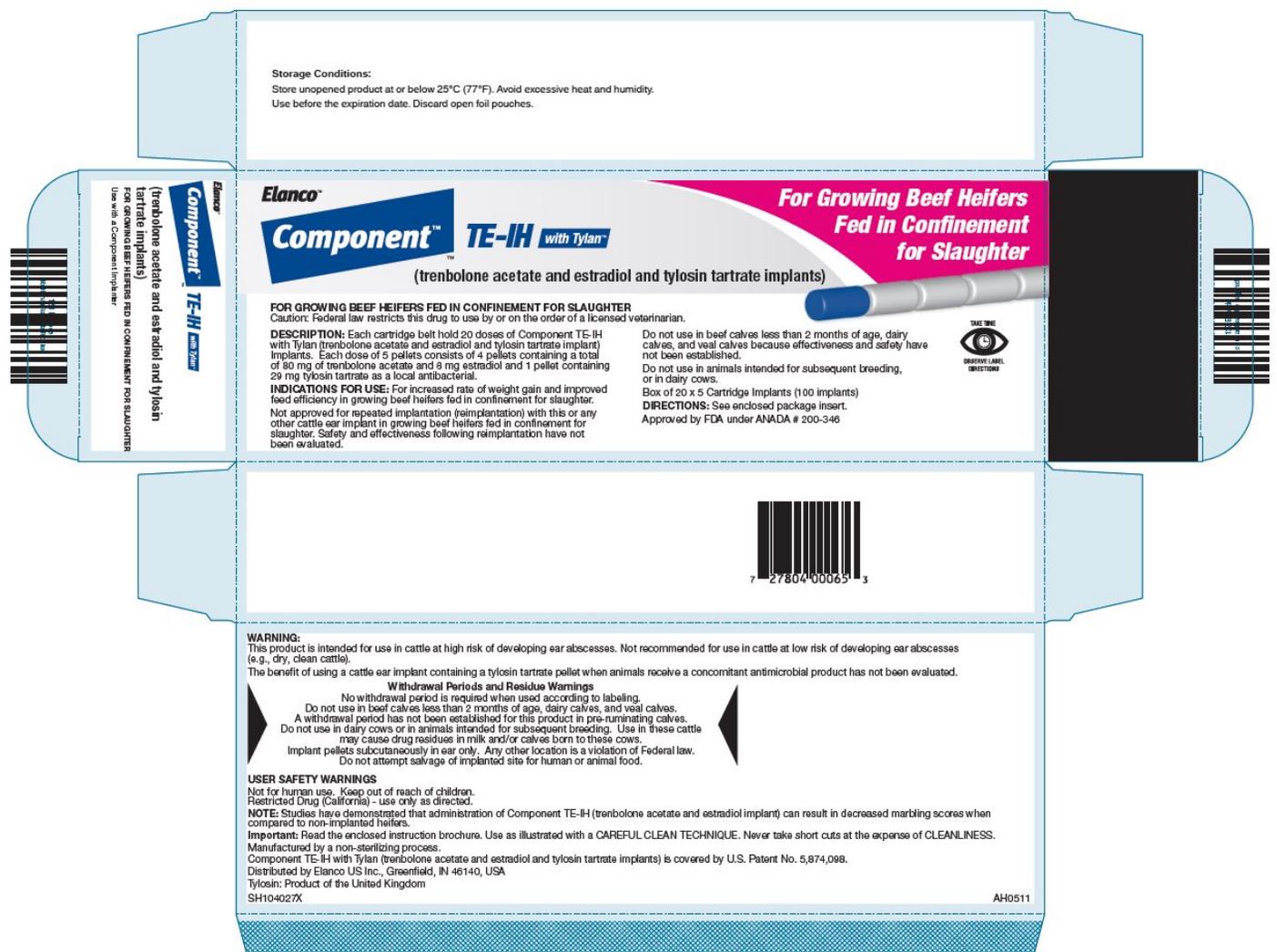
**(trenbolone acetate and estradiol and tylosin tartrate implant)**

**For Growing Beef Heifers  
Fed in Confinement  
for Slaughter**

**FOR GROWING BEEF HEIFERS FED IN CONFINEMENT FOR SLAUGHTER**

**TAKE TIME**

**OBSERVE LABEL  
DIRECTIONS**



# Principal Display Panel - Cartridge Label

Elanco™

Component™

™

TE-IH with Tylan™

(trenbolone acetate and estradiol and tylosin tartrate implant)

For Growing Beef Heifers  
Fed in Confinement  
for Slaughter

TAKE TIME

OBSERVE LABEL  
DIRECTIONS

One 20-Dose  
Cartridge Belt

FL104027A

**Elanco™**  
**Component™** **TE-IH with Tylan™**  
(trenbolone acetate and estradiol and tylosin tartrate implants)

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Not approved for repeated implantation (re-implantation) with this or any other cattle ear implant in growing beef heifers fed in confinement for slaughter. Safety and effectiveness following re-implantation have not been evaluated.

Do not use in beef calves less than 2 months of age, dairy calves, and veal calves because effectiveness and safety have not been established. Do not use in animals intended for subsequent breeding, or in dairy calves.

**Dosage:** Administer 1 implant per animal. See package insert for detailed instructions. Manufactured by a non-sterilizing process. Approved by FDA under ANADA # 200-346

**TAKE TIME**  
**OBSERVE LABEL DIRECTIONS**

**One 20-Dose Cartridge Belt**  
FL104027A

TEAR HERE



**WARNING:**  
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**Withdrawal Periods and Residue Warnings**  
No withdrawal period is required when used according to labeling. Do not use in beef calves less than 2 months of age, dairy calves, and veal calves. A withdrawal period has not been established for this product in pre-ruminating calves. Do not use in dairy cows or in animals intended for subsequent breeding. Use in these cattle may cause drug residues in milk and/or calves born to these cows. Implant pellets subcutaneously in ear only. Any other location is a violation of Federal law. Do not attempt salvage of implanted site for human or animal food.

**USER SAFETY WARNINGS**  
Not for use in humans. Keep out of reach of children. Restricted Drug (California) - use only as directed. Note: Studies have demonstrated that administration of Component TE-IH (trenbolone acetate and estradiol implant) can result in decreased marbling scores when compared to non-implanted heifers. Important: Read the enclosed instruction brochure. Use as illustrated with a CAREFUL CLEAN TECHNIQUE. Never take short cuts at the expense of CLEANLINESS. Storage Conditions: Store unopened product at or below 25°C (77°F). Avoid excessive heat and humidity. Use before the expiration date. Discard open foil pouches.

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**PURCHASE SEAL 20 IMPLANTS**

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## COMPONENT TE-IH WITH TYLAN

trenbolone acetate, estradiol, tylosin tartrate implant

### Product Information

<b>Product Type</b>	PRESCRIPTION ANIMAL DRUG	<b>Item Code (Source)</b>	NDC:58198-0511
<b>Route of Administration</b>	SUBCUTANEOUS		

### Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
<b>trenbolone acetate</b> (UNII: RUD5Y4SV0S) (trenbolone - UNII:P53R4420TR)	trenbolone acetate	80 mg
<b>estradiol</b> (UNII: 4TI98Z838E) (estradiol - UNII:4TI98Z838E)	estradiol	8 mg
<b>tylosin tartrate</b> (UNII: 5P4625C51T) (tylosin - UNII:YEF4JXN031)	tylosin tartrate	29 mg

### Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:58198-0511-1	5 in 1 CARTON		
1		1 in 1 POUCH		
1		20 in 1 CARTRIDGE		

### Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
ANADA	ANADA200346	12/09/2013	

**Labeler** - Elanco US Inc. (966985624)

Revised: 11/2025

Elanco US Inc.