

# PREGDOT

## Cloprostenol Sodium I.P. (Vet)-250 mcg (0.25 mg) Injection for Veterinary Use

### Description

Cloprostenol Sodium is a **synthetic analogue of prostaglandin F2 alpha (PGF2 $\alpha$ )** used to induce luteolysis, synchronize estrus, and manage reproductive disorders in livestock. It effectively **regresses the corpus luteum** to control the estrous cycle in cattle, sheep, and pigs. The addition of benzyl alcohol acts as a preservative.

### Composition (per mL)

- **Cloprostenol Sodium** – 250 mcg (0.25 mg)
- **Benzyl Alcohol I.P.** – 1.5% v/v
- **Sterile aqueous base** – q.s. to 1 mL

### Category

Hormonal Agent / Prostaglandin Analogue

### Specifications

- **Form:** Sterile injectable solution
- **Appearance:** Clear, colourless liquid
- **Container:** 2 ml amber glass Vial
- **Includes:** 3 ml syringe with needle
- **Sterility:** As per pharmacopoeia standards

### Indications

- Induction of **estrus synchronization** in cattle, sheep, and pigs
- Treatment of **pyometra and luteal cysts**
- Induction of abortion in cattle under veterinary supervision
- Facilitation of parturition in certain cases

## **Dosage & Route of Administration**

- **Dosage:** 1 mL (250 mcg) per animal, dosage varies as per species and condition
- **Route:** Intramuscular (IM) or subcutaneous (SC) injection
- **Pack Size:** 2 ml Vial with 3 ml syringe & Needle

## **Product Form**

- Sterile injectable solution
- 2 ml single-dose amber Vial
- Comes with 3 ml syringe & Needle for administration

## **Usage & Advantages**

- Effective reproductive cycle control
- Precise dosing with included syringe
- Rapid onset of luteolytic activity
- Safe and well-tolerated at recommended doses

## **Adverse Effects**

- Transient side effects include sweating, increased respiratory rate, and restlessness
- Avoid use in pregnant animals unless indicated for abortion
- Handle with care to prevent accidental human exposure (can cause uterine contractions)

## **Withdrawal Period**

- **Meat:** 10 days
- **Milk:** 72 hours

## **Storage & Handling**

- Store between **2-8°C** (refrigerated)
- Protect from light
- Use immediately after opening ampule
- Dispose of syringe safely after use

## **Precautions**

- Veterinary use only
- Avoid accidental self-injection
- Use only under veterinary supervision
- Not for use in animals intended for immediate slaughter

## **HS and HSN Codes**

- **HS Code:** 30045000
- **HSN Code:** 3004

## **Human & Veterinary Application**

- Strictly for veterinary use
- Avoid human exposure due to potential side effects
- Keep out of reach of children

## **Frequently Asked Questions (FAQs)**

- **Q1: What is Cloprostenol used for?**  
To synchronize estrus and manage reproductive disorders in animals.
- **Q2: How is it administered?**  
IM or SC injection using the included syringe.
- **Q3: Can it cause side effects?**  
Temporary restlessness and sweating may occur.
- **Q4: Storage conditions?**  
Refrigerate at 2-8°C, protect from light.
- **Q5: Withdrawal period?**  
10 days for meat, 72 hours for milk.