**Indications**

EqStim is a preparation consisting of 0.4 mg/mL non-viable *Propionibacterium acnes* suspended in 12.5% ethanol in saline.

EqStim is indicated in the horse as an adjunct to conventional therapy in the treatment of equine respiratory disease complex. This product has been demonstrated to be effective in increasing the rate of recovery when used in conjunction with antibiotic or hyperimmune therapy in the treatment of primary and secondary bacterial and viral infections associated with equine respiratory disease complex.

Each mL contains:

*P. acnes* suspended in 12.5% ethanol in saline 0.4 mg/mL

**Contraindications**

Do not use in conjunction with glucocorticoids or other immune suppressors. Steroid therapy should be withdrawn at least seven days before initiating this immunostimulant therapy.

**Dosage and Administration**

EqStim must be administered by the intravenous (IV) route. Shake well to obtain uniform suspension.

- **Foals**: 1 mL
- **Older horses**: 1 mL per 250 lbs of body weight

Repeat dosage at day 3 (or day 4) and at day 7, and weekly thereafter as needed.

**Caution**

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

The effects of this immunostimulant have not been studied in pregnant animals. Do not use when pregnancy is known or suspected. There may be a rise in temperature, tremors, temporary loss of appetite, or sluggishness a few hours after injection.

Anaphylactoid reactions may occur.

Antidote: epinephrine.

For animal use only.

Keep out of reach of children.

**Storage**

May be stored at room temperature until first used. Once vial has been opened, store at 2°-7°C (35° - 45°F).

Do not freeze.

**Presentation**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>08890</td>
<td>5 mL bottle</td>
<td>12/case</td>
</tr>
<tr>
<td>08891</td>
<td>50 mL bottle</td>
<td>12/case</td>
</tr>
</tbody>
</table>
What does EqStim do?

- Accelerates recovery from respiratory illness
- Consistently proven to provide a more rapid recovery from bacterial and viral respiratory infections
- Lets the veterinarian make the call on dosage

Commonly Asked Questions

May EqStim be administered by the intramuscular (I.M.) route?
No. It is important to administer EqStim I.V. To be effective as a systemic immuno-stimulant. EqStim must rapidly circulate to the spleen, liver and lungs.

What side effects might I expect to see in a horse given EqStim?
There may be a temporary rise in temperature, tremors, loss of appetite, or sluggishness a few hours after injection. These are signs that the immune system is responding to EqStim.

Should EqStim be administered to a horse before racing?
No. A febrile response and sluggishness may occur within 12 to 24 hours of the primary administration of EqStim. Subsequent injections usually elicit milder reactions, if any. Caution should always be used to prevent impeding performance. These side effects are associated with an immune response and should not alarm the user.

Which antibiotics work best with EqStim?
Antibiotics should be selected on the basis of culture and sensitivity testing. The mode of action of EqStim is not dependent upon the mechanism of any specific class of antibiotic.

Should steroids be administered concurrently with EqStim?
No. Steroids may suppress the immune system and adversely affect EqStim's capacity to stimulate an adequate immune response.

But Why EqStim?

- Flexibility of dosage
- High index of safety
- Stimulation of innate immunity
- Compatible with other therapeutic products such as antibiotics
- Economical, time-tested, and proven

Further Reading

Studies are available for review pertaining to EqStim use in mares with persistent endometritis, as well as prophylactic use in performance horses shipped over long distances.


For copies of these articles, please contact Neogen at 800/525-2022 or inform@neogen.com.