

Actions In the Body

TB4 has been proven to be effective in mast cell exocytosis. As mast cells contain androgen receptors, these components are directed out of the cell membrane and into the extracellular space. This is the modality that promotes the lean muscle growth experienced with the use of TB-1000.

What is TB-1000?

TB-1000 is a patented, unique sequence derivative of the protein Thymosin Beta-4 (TB-4) which is naturally present in all mammals. This unique sequence contains only the most beneficial amino acids from the complete 43 amino-acid chain of Thymosin Beta-4.

What Does TB-1000 Do?

TB-1000 provides the following benefits to performance horses:

- Angiogenesis Activation
- Reduced Heart Rates
- Enhanced Blood Circulation
- Increased Red Cell Production
- Significant Increase in Stamina
- Rapid Delivery of Vitamins and Amino Acids
- Rapid Elimination of Body Toxins
- Enhanced Cell Migration

TB-1000 stimulates angiogenesis and **PROMOTES WOUND HEALING AND LEAN MUSCLE GROWTH**. With the use of TB-1000 the horse will experience **MORE STAMINA & ENDURANCE, LOWER HEART RATES, INCREASED ENERGY LEVELS** and show more vigor and focus during training and performance.

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One of TB-1000's key mechanisms of action is its ability to regulate the cell-building protein – Actin. Of the thousands of proteins present in mammal cells, Actin represents approximately 10% of the total. It is therefore a vital component of cell structure and movement. The G-actin binding site promotes angiogenesis through the application of TB-1000. The unique amino acid chain derivative contains the entire actin binding domain. Therein lies the significant and distinct advantage of TB-1000.

Safety

TB-1000 is safe and legal for all equine disciplines and does not test or swab as it is an all-natural regenerative therapy.

Administration

For performance, inject 1 vial every 7 days for 6 weeks. After this loading period, TB-1000 should then be administered monthly during training and performance.

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Of all the unique functions of TB-1000, the activation of angiogenesis is the most beneficial to performance horses. TB-1000 activates this process through the proliferation and migration of endothelial cells. This reduces heart rates through a more efficient distribution of red cells, meaning the heart does not have to pump at a higher rate for the cells to reach muscle tissues. Administration of TB-1000 has shown marked improvement in blood analysis and amino-acid profiles in the body, providing unparalleled benefits to all performance horses.

