

EQUINE REDOX HEALTH

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BLUE EQUINE PHARMA.

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**MORE THAN JUST A
PRODUCT, EQUINERX™
FORMULATIONS PROMOTE
PROPER EQUINE REDOX
HEALTH AND FUNCTION.**

EQUINERx™ (Equine Redox) is a compound formulation, developed to balance redox homeostasis and reduce oxidative stress in equine by using small molecule metabolites and Oxidation-Reduction Potential.

Oxidative Stress, caused by Reactive Oxygen Species (ROS), contributes to DNA damage, cell death, and the propagation of system malfunction. Research has shown that the simple administration of antioxidants, more often than not, is ineffective at reducing oxidative stress.

Systematic metabolic homeostasis can be achieved with EQUINERx™ by targeting regulatory redox switches affecting gene regulation, ion transport, intermediary metabolism and mitochondrial function.

REDOX SCIENCE

BACKGROUND

Electrophysiological potential is the cornerstone of redox homeostasis. The natural healthy functioning of equine physiology depends on oxidation-reduction (redox) reactions, where a molecule, atom, or ion gains or loses an electron to other chemicals.

In disrupted physiology where redox homeostasis is lost, reactive Oxygen, Nitrogen, and Sulfur species are produced. These reactive species steal electrons from other molecules, leading to oxidative stress and damage to cellular and system functioning.

This is where EQUINErTM comes in. By activating small molecule metabolites with negative Oxidation-Reduction Potentials (-mV), they become active in counteracting and neutralizing the production of reactive species.

PROPRIETARY TECHNOLOGY

Our proprietary formulation of small metabolic molecules and ions carry chemical grounds (electron transfer) between enzymes and metabolites, facilitating natural metabolic functions and homeostasis of equine physiology.

These metabolites are formulated with an acid-base solution of salts, sugars, vitamins and minerals in a stable negative redox (-mV) and alkaline (Ph) state. These formulations are balanced environments of Oxidation-Reduction Potentials (ORP) that mimic equine physiology and facilitate balanced metabolic homeostasis.



EQUINErx™

CHOOSE FROM SIX NON-DRUG PHYSIOLOGICAL METABOLITE PASTE FORMULATIONS

CARDIOPULMONARY REDOX

Nitric Oxide redox balance for heart, vascular, and lung health

MUSCULOSKELETAL REDOX

Nitric Oxide redox balance and fast-twitch muscle health

REPRODUCTIVE REDOX

Nitroso-Redox balance for reproductive health

BRAIN & NERVE REDOX

Neuro-Redox for increased serotonin, melatonin, dopamine, and epinephrine

OXIDATION-REDUCTION SOLUTION

Stock formulation of our proprietary Oxidation-Reduction Potential solution

OXIDATION-REDUCTION PASTE

Stock formulation of our proprietary Oxidation-Reduction Potential paste



ABOUT US

BLUE EQUINE PHARMACEUTICALS

Rapid Outsourced Compounding, Private-Label Manufacturing, and Analytical Testing services to the equine industry; in addition to the sales of Compounded Drugs, Nutraceuticals, and Supplements.

Our mission is to provide the equine industry with a quick, low-cost, and seamless way to search, formulate, test, and order Advanced Compounded Drugs, Nutraceuticals, and Supplements on demand.

PRIVATE-LABEL

Private brand labeled packaging of our formulated drug compounds for veterinary practitioners.

CONTRACT MANUFACTURING

Formulation, Packaging, Labeling and Shipping services of veterinary drugs.

BRANDED PRODUCTS

Nutraceuticals and Dietary Supplements.
