

How TBR Labs Colostrum, a Premiere Anti-aging Supplement, Makes Soft Bodies Hard Again

TBR Labs Colostrum is one of the most important natural anti-aging and body-building aids available today. A rich, all-natural source of all-important **growth factors**, TBR Labs Colostrum offers incredible benefits for persons of all ages who wish to increase their lean muscle mass, improve their muscle tone, and as a means of promoting super physical vitality. It is especially important for maximizing the benefits of resistance weight training.



Lance S. Wright, M.D.

“As the Baby-Boomers age, the world becomes more and more obsessed with staying young,” notes Lance S. Wright, M.D., co-founder of the American Holistic Medical Association, member of the faculty of the University of Pennsylvania, and author of *Colostrum: Mother Nature’s Health Alternative for Every Generation* (Katchell Publishing 1998). “Anti-aging products are out en masse and are being purchased at an amazing rate. People will spend thousands of dollars on almost any surgery, cream, procedure or potion that promises to make them feel and look 20 years old again. We know that almost all of these attempts at bottling youth and happiness, and selling it in a 30-second commercial won’t bring the results we really want, and yet we continue to plop down our money in hopes that the next bottle just might work. Before you spend another cent, take a look at what colostrum can do to help turn back the hands of time.”

Dr. Wright is on target. The regenerative effects of colostrum extend to nearly all of the body’s structural cells. In fact, the same growth factors that improve lean muscle mass also improve immune function, fight against disease processes, and aid the body in recovery from disease. This makes colostrum invaluable in the quest to prevent premature aging.

Growth Factors Background

Think of TBR Labs Colostrum as if it were a multiple vitamin and mineral formula. But instead of replenishing your body’s stores of vitamins and minerals, this daily supplement

replenishes the body’s supply of a set of another unique substances known as **growth factors**.

Such growth factors found in TBR Labs Colostrum include **epithelial growth factor (EgF)**; **insulin-like growth factor-I and II (IGF-I and IGF-II)**; **transforming growth factors A and B**; and **growth hormone (GH)**.

When ingested orally, it is now known that growth factors in bovine colostrum not only protect the body against disease; they stimulate cellular and tissue growth and repair and help to reverse the damage done by disease and the natural aging process. “In fact, we now know the growth factors in bovine colostrum stimulate the formation of DNA, essential to the

survival of every cell in the body,” adds Dr. Wright. What’s more, bovine colostrum contains seven different nucleosides that are key to aiding the body’s growth and repair of body.

Rich Source of Growth Hormone

One key benefit of using colostrum is that it is a rich source of growth hormone, one of the master growth factors that helps the body to efficiently burn fat, according to research from the Medical Endocrinological Department of the University Clinic of Internal Medicine, Aarhus Dommunehospital, Denmark. There, researchers found that when subjects received growth hormone, fat oxidation (i.e., the burning of fat for energy) contributed 71.7 percent of the body’s

What Readers are Telling Us About TBR Labs Colostrum

Muscular Weight Gain

Dear Doctors’ Prescription for Healthy Living:

I am a tree surgeon and because of the line of work I am in, I do a lot of weight training to stay fit. I have tried a number of things, including a homeopathic form of HGH (human growth hormone), but I have never been able to really gain weight. My weight has stayed relatively constant for 30 years, between 190 and 200 Lbs., until I started taking colostrum. After 3 months my weight had increased to 220 with no increase in body fat. I also noticed that I no longer needed an inhaler during the allergy season. I used to get colds and flu quite frequently but they are much less frequent now and they haven’t kept me from working like they used to.
—Sincerely, David K., San Jose, California

Weight Loss

Dear Doctors’ Prescription for Healthy Living:

I started taking colostrum because of what it did for my wife. She had so much energy she was fixing things and working in the yard—doing things she had never done before. I didn’t realize it would help me lose weight but I have been able to lose 20 pounds during the last 3 months without changing anything in my diet. I used to play football in college but ever since I quit I have put on a little more weight each year. Three months ago I weighed 250 pounds—now I am down to 230—without even trying. And since my energy has increased, I am golfing again which I am sure is helping too.
—Sincerely, Pete D., Lakewood, Ohio

energy expenditure, compared to only 48 percent without administration of growth hormone. This shows us that cutting down your intake of sugar and adding TBR Labs colostrum to your daily supplement program will dramatically enhance your body's ability to trim excess fat.

Meanwhile, colostrum's IGF-1 inhibits catabolism (the burning of body proteins for energy), note researchers from the Department of Pediatrics, University of Auckland, New Zealand. In 1983, it was reported that protein degradation was inhibited specifically by bovine colostrum. As such, TBR Labs colostrum may be even better than the use of anabolic and potentially dangerous agents such as trenbolone, diethylstilbestrol and testosterone—which do not alter rates of intercellular protein breakdown.

How about flaccid muscles that seem to come along with advanced age? No one likes looking flabby, but such signs of aging, including muscle deterioration, are associated with

reduced levels of growth hormone and IGF-I, say researchers from the Department of Pathology and Pharmacology, University of Gothenburg, Sahlgren Hospital & Habi-Vitrum AB, Stockholm, Sweden. But when the level of both growth factors is increased in the body, we can experience renewed muscle growth, they add.

The benefits of growth hormone and IGF-I were shown in a 1990 experimental study. Advanced age is associated with reduced levels of both growth hormone and IGF-I. But the administration of growth hormone raises levels of IGF-I to that of young rats. With increased IGF-I, the reduced protein synthesis of old rats is restored, causing increased muscle tissue in normal animals and also regenerating muscle tissue, these researchers found.

"One explanation for the increase in muscle and decrease in fat is growth hormone's control over the body's metabolism," notes Dr. Wright. "Because of this control, GH, by stim-

FYI:
Junk Food Addict Tricks
 If you, your children or loved ones are addicted to junk food, avoid eating the whole bag by instead buying single-serving sizes of chips, cookies, candy bars and other sugary confections.

ulating the production of IGF-I, is able to tell the body to burn fat for fuel. Indeed, that TBR Labs colostrum contains both growth hormone and IGF-I is important. Scientists now know that muscle cells contain receptors for IGF-I—and that it is actually IGF-I, growth hormone's messenger, that stimulates muscle growth and repair. ♦

REFERENCES

Ballard et. al. "Effects of anabolic agents on protein breakdown." *Biochem J*, 1983;210:243-249.
 Gil, A. & Sanchez-Medina, F. "Acid soluble nucleotides of cow's, goat's and sheep's milk at different stages of lactation." *Journal of Dairy Research*, 1981;48:35-44.
 Ullman, et al. "Effects of Growth Hormone on muscle regeneration and IgF-1 concentration in old rats." *Acta Physiol Scand*, 1990;140:521-525.
 Xian, C.J., et al. "Degradation of IGF-1 in the adult rat gastrointestinal tract is limited by a specific antiserum or the dietary protein casein." *Journal of Endocrinology*, 1995;146:215-225.

The Doctors' Prescription

TBR Labs Colostrum is a vitality supplement—especially for persons who want to look their best. We recommend TBR Labs Colostrum due to its high level of growth factors and complete absence of detectable contaminants (e.g., pesticides, heavy metals, bacterial pathogens).

Our review of recent scientific findings indicates that two factors are important to producing colostrum with a high growth factor content: time taken after birth and completeness of the product.

"Scientific studies on whole colostrum show that some of the bio-active components necessary to provide the health benefits of a true colostrum are fat soluble and found in high concentrations only up to 12 hours after birth and removal of that fat would result in the removal of important bio-active components," notes Dr. Donald H. Lein, chairman of Population Genetics and Diagnostic Sciences at the College of Veterinary Medicine, Cornell University. TBR Labs Colostrum, which is never defatted, has a fat content of about

21.7 percent. Research shows that the fat "holds" approximately 30 percent of the IGF-I.

In a controlled laboratory study at Minnesota Valley Testing Laboratories, New Ulm, however, it was found that some popular

imported brands of colostrum have an extremely low fat content of less than five percent.

Many widely marketed brands of colostrum have immunoglobulin counts ranging from 25 to 40 percent; these products are usually filtered or standardized. But the TBR Labs philosophy is to produce a product that is 100 percent first milking and complete. Some products touting high immunoglobulin levels contain 30 percent or more. TBR Labs colostrum has not been filtered, standardized or manipulated in any way. Its immunoglobulin content is 22.11 percent, which indicates a high level of growth factors—and reflects the fact that the product is not defatted but rather represents a complete colostrum powder. In fact, in a controlled study at a government-certified independent laboratory, it was shown that TBR Labs Colostrum contains higher levels of IGF-I than some imported brands.

TBR Labs colostrum comes in capsules, powder and tasty chewables. The usual dosage is six capsules or chewables daily. If using powder, take 1/2 teaspoon twice daily with water.

