

# Gut Restorative PRP

Foundational Support for Healthy Gastrointestinal Function and  
A Stronger Immune System



**FIRE**SIDE  
PHARMACY

## DESCRIPTION

Gut Restorative PRP is an all-natural supplement comprised of bovine colostrum for supporting a healthy immune system. Bovine colostrum is an abundant source of immunoglobulins, as well as live cells that secrete key proteins including cytokines, lactoferrin, and proline-rich polypeptides (PRP). Supplementing with bovine colostrum has been shown to bolster the lining of the gastrointestinal tract and fight inflammation.

## FUNCTIONS

Hippocrates stated that all disease begins in the gut. Modern medicine is beginning to understand and accept the concept of immune function and gastrointestinal health being interdependent. When diet (sugar, refined carbohydrates, food preservatives, etc.) and environmental stress, (pollution, pesticides, pharmaceutical chemicals, etc.) overload the digestive system, we end up with something called *leaky gut syndrome*. Leaky gut syndrome identifies an increasingly pervasive health disorder in which the lining of the small intestine is more permeable than it should be and becomes subject to inflammation by various irritants. The gut becomes “leaky” in the sense that bacteria, viruses, fungi, parasites and their toxins, and undigested foods such as proteins, nerve and connective tissue, fat, and waste normally not absorbed into the bloodstream in the healthy state pass through a damaged, hyper-permeable, leaky gut. When these foreign substances enter the bloodstream, the immune system goes into reaction mode and begins creating antibodies against its own tissues. Chronic overstimulation of the immune system leads to inflammation and what is quite often referred to as autoimmune disease. Leaky gut syndrome has become an epidemic in modern times, as evidenced by the epidemic of allergies and chronic diseases. As the incidence of leaky gut syndrome increases, the incidence of autoimmune disease skyrockets, with leaky gut syndrome patients frequently having multiple autoimmune diseases.

## INDICATIONS

Gut Restorative PRP contains pure bovine colostrum, a unique protein, rich in immune-related components that are biologically transferable to humans. It is an abundant source for naturally-occurring growth factors including IGF-1, EGF, TGF-a, TGF-b, FGF, and proline-rich polypeptides (PRPs). PRPs are the most powerful modulators of immune response and regulate the cytokine response that causes inflammation in the body.

We know that leaky gut syndrome:

- Causes most food allergies.
- Causes a weakened ability to resist infectious organisms.
- Creates a long list of mineral deficiencies
- Is almost always associated with autoimmune disease.

So which individuals might want to consider using utilizing Gut Restorative PRP as a gut support product?

- **Seniors** who have a long history of NSAID administration for arthritis. Chronic administration of NSAIDs causes both gastric and intestinal permeability and damage.
- **Patients** with chronic pain challenges. Pain medication, both prescription and OTCs, are the most utilized drug category in the U.S. and also the most abused, resulting in bleeding and holes in the stomach and intestinal lining.
- **Patients** with allergies or autoimmune disease. Colostrum helps heal and prevent leaky gut syndrome and halts the destruction of tissue caused by inflammation and auto-immunity.
- **Patients** exposed to hospital acquired, gut-based infections. Approximately 125,000 Americans die annually from gut based infections of which *Clostridium difficile* and methicillin resistant *Staphylococcus aureus* (MRSA) are the most prevalent and most difficult to treat.
- **Chronically ill patients** who are also suffering from concomitant problems such as allergies, food sensitivities, autoimmune disease, immune problems, cancer, etc.

Colostrum has no known side effects and no known interactions with drugs. Colostrum has been proven in both animal and human trials to prevent and heal leaky gut syndrome.

## CLINICAL NOTES:

When considering gut restoration, probiotics are often the first consideration. However, in leaky gut syndrome, the administration of probiotics when the gut is still permeable may create additional problems as the probiotics permeate through the gut wall, and may cause an allergic response. Leaky gut syndrome can be resolved in 4-6 weeks with appropriate treatment. Extensive probiotic supplementation should be withheld until the leaky gut has healed.

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## FORMULA (WW #10361)

### 4 Capsules Contain:

Calories .....10  
Protein ..... 1 gm  
Colostrum (bovine) ..... 1,720 mg

#### Typically provides:

Immunoglobulin G (IgG)..... 550 mg  
Other immunoglobulins (IgA, IgM) ..... 44 mg  
Proline-rich polypeptides ..... 80 mg  
Lactoferrin ..... 8 mg

Other Ingredients: Cellulose (vegetable capsules), silica.

Contains: Milk proteins.

Contains NO soy, wheat, egg, fish, shellfish, tree nuts, peanuts, artificial colors or preservatives.

## SUGGESTED USE

As a dietary supplement, adults take 4 capsules, 2 times daily, or as directed by a healthcare professional.

## SIDE EFFECTS

There are no known side effects to treatment with Gut Restorative PRP.

## STORAGE

Keep tightly closed in a cool, dry place, away from direct light. Keep out of reach of children.

## REFERENCES:

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- 3.Joseph M, et al. Research shows colostrum to be one of nature's most potent, broad-spectrum substances. *Chiropract J* 1998 Mar; 12(6):33,41,45
- 4.Malin, M., Verronen, P., Korhonen, H., Syvaaja, E.L., Salminen, S., Mykkanen, H., Isolauri, E, (1997). Dietary therapy with *Lactobacillus GG*, bovine colostrum or bovine immune colostrum in patients with juvenile chronic arthritis: evaluation of effect on gut defense mechanisms. *Inflammopharmacology*, 5(3), 219-236.
- 5.An, M.J., Cheon, J.H., Kim, S.W., Park, J.J., Moon, C.M., Han, S.Y., (2009) Bovine colostrum inhibits nuclear factor Kb-mediated proinflammatory cytokine expression in intestinal epithelial cells. *Nutrition research*, 29(4), 275-280.

Manufactured For:

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