



(Colostrum Powder Chocolate Flavour)

90 gms Tin

Composition:

Each Serving of 3 g (One Spoon) Contains Approx.:

Colostrum (IgG 23%)..... 500 mg

What is Colostrum?

Colostrum is the pre milk fluid secreted by the mammary glands of all the mammals after giving birth to their babies. Colostrum contains necessary growth factors, information carrying-peptides and biochemical signals to initiate growth and development of the new born. Bovine Colostrum is abundant and plentifully available. It is a carrier of immunity for the new born calf Up to 40 times richer in immune factors compared to human colostrum. It is not species- specific so works very well in humans as well as other animals.

Major Components of Colostrum:

❖ **Immune Factors:**

Immune factors in colostrum provide protections. Immune factors such as Immunoglobulins such as (IgG, IgA, IgM, IgD, & IgE), Lactoferrin & Transferrin are iron binding proteins having potent antiviral, antibacterial, anti- inflammatory and radical scavenging effects. Lysozyme, Lactoperoxidase, Xanthine oxidase enzymes capable of destroying bacteria and viruses on contact.

❖ **Growth Factors:**

Growth factors give support. Growth factors such as Nucleotides, Amino Acids such as (Lysine, Arginine, Isoleucine, Threonine, Methionine, Tryptophan, Leucine, Valine, Cysteine, Histidine, Phenylalanine) Vitamins such as (A, B₁, B₂, B₃, B₅, B₆, B₁₂, B₁₃, C, D, E, Biotin, folic Acid), Minerals such as (Ca, Na, Mn, K, Cu, I, Mg, Co, Fe, Cr, Phosphorous & Choline) are present in col-immune. Growth factors help in growth, repair and healing of tissue.

❖ **PRP (Proline Rich Polypeptide) Factors:**

PRP Factors such as Proline Rich Polypeptide help in homeostasis of immune system, Cytokines regulate the immune responses, Interlukin-10 reduces inflammation, and Lymphokines regulate immune response.

Col-immune in treatment for Paediatrics:

- Col-immune is highly effective in prophylactic treatment of Upper Respiratory Tract Infections, diarrhea and influenza.
- Only available treatment for management of enterohaemorrhagic diarrhea (caused by E.Coli) in infants as well as children.
- Col-immune useful in treatment of shigellosis and nor viral infection. May prevent dental caries by inhibiting Streptococcus mutans.
- Col-immune can soothe the sore throat by slowly releasing colostrums and coating the pharynx.
- Col-immune Supports intestinal proliferation in young children who have undergone intestinal resection.
- Col-immune may help in treating necrotizing enterocolitis.
- Col-immune may help prevent allergic diseases like asthma.
- Col-Immune prevents the bacterial, viral, fungal and protozoal infections in GUT
- Col- Immune by preventing colonization of H. Pylori on gastric epithelial cells helps in treatment of gastric and duodenal ulcers, gastritis.

Col-immune in Gastrointestinal disorders:

- Col-Immune prevents the bacterial, viral, fungal and protozoal infections in GUT.
- Col- Immune by preventing colonization of H. Pylori on gastric epithelial cells helps in treatment of gastric and duodenal ulcers, gastritis.
- Col- Immune can restore GUT barrier and restore the altered gut permeability induced by chronic use of NSAIDs.
- Col-immune provides excellent supportive therapy for IBD, Crohn's disease and ulcerative colitis.
- Col-immune helps to restore integrity of the gut and can repair 'leaky gut'

Col-immune in Neurology:

- Col-immune retards the development and progression of Alzheimer's disease.
- Col-immune gives pain relief in patients with idiopathic facial pain syndrome like trigeminal neuralgia, gloss pharyngeal neuralgia, atypical facial pain, and myoarthropathy of the jaw.
- Col-immune is useful in treating widespread pain associated with fibromyalgia.
- Col-immune gives neuroprotective effect after focal brain ischemia followed by reperfusion.

Col-immune in Cancer:

- Col-immune is excellent supplement during Chemo and Radiation therapy.
- Col-immune prevents anorexia and nausea by reducing TNF- α and IL activity.
- Col-immune reduces inflammation.
- Col-immune prevents bacterial translocation to lymph nodes, spleen and liver.
- Col-immune prevents transfer of lipopolysaccharides across GI lining.
- Col-immune provides nutrients like vitamins, minerals and essential Amino Acids.

- In gastric malignancies, Col-immune prevents colonization of H. pylori on gastric epithelial cells.

Col-immune in Pre & post surgery benefits:

- Col-immune reduces incidence of septic shock.
- Col-immune reduces bacterial translocation.
- Col-immune neutralizes LPS and reduces blood levels of LPS perioperatively.
- Col-immune helps in faster surgical healing.
- Col-immune may help in preventing anastomosis leak.

Col-immune in Women's Health:

- Col-immune is 100 % Natural health supplement.
- Phase 1, 2 and 3 studies show no side effects, allergies or adverse reactions or drug interactions.
- Col-immune contains up to 40 times higher concentration of immune factors than human colostrum such as IgG, IgA, IgM, Lactoferrin, Transferrin, Lactoperoxidase, lysozyme.
- Col-immune can prevent flu, diarrheal infections, URTIs, food infections.
- Col-immune helps in treatment of pain and inflammation associated with osteo and rheumatoid arthritis.
- Col-immune works as a nutritional supplement of Iron, Calcium, vitamin D, B complex, essential amino acids, essential fatty acids.

Col-immune in Bone Health

- Reduces pain and inflammation of Rheumatoid and osteo arthritis.
- Col-immune decreases NSAID induced GUT damage like gastritis and ulceration.

- Col-immune help in controlling symptoms of ankylosing spondylitis.

Col-immune and HIV

- Col-immune helps in increasing CD 4 cell count in HIV patients.
- Col-immune significantly decreases the incidence of non specific diarrhea in AIDS patients.
- Col-immune improves fatigue to greater extent.
- Col-immune increases the weight and BMI.
- Col-immune shows improvement in hemoglobin count.

Col-immune for General Health

- Col-immune is use for preventing bacterial, fungal, viral and protozoal infections such as Upper Respiratory Tract Infections, Diarrhea, Flu, Shigellosis, nor viral infections
- Col-immune use for preventing allergies such as Asthma, Rhinitis, Hay fever.
100% Natural nutritional supplement providing passive immunity, vitamins, minerals, essential amino and fatty acids

Route of administration: Oral.

Dosage:

For children

1 scoopful (3g powder containing 500 mg bovine colostrum)

For Infants (Below 1 year of age)

As directed by physician

For Adult

As directed by physician

Administration: Powder to be mixed in warm water/ milk and to be consumed preferably in the morning on empty stomach for better absorption.

Storage: Store in cool, hygienic & dry place. Protect from sunlight and moisture.

SCHEDULE H PRESCRIPTION DRUG CAUTION- Not to be sold by retail without the Prescription of a Registered Medical Practitioner.

Presentation: Col-immune Colostrum Powder available as 90 gms tin

Flavour: Col-immune Colostrum Powder with delicious chocolate flavour.

Marketed By:



EPIONE PHARMACEUTICALS PVT.LTD.

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