

For consumer information only



**(Colostrum Powder Vanilla Flavour)**

**(Sugar free)**

**90 gms Tin**

**Composition:**

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

Colostrum (IgG23%)..... 500mg

**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 newborn 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) v Vitamins such as (A, B<sub>1</sub>, B<sub>2</sub>, B<sub>3</sub>, B<sub>5</sub>, B<sub>6</sub>, B<sub>12</sub>, B<sub>13</sub>, 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 norviral infection. May prevent dental caries by inhibiting Streptococcus mutans.
- Col-immune can soothe the sore throat by slowly releasing colostrum 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 wide spread 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- $\alpha$  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.
- Phase1, 2 and 3 studies show no side effects, allergies or adverse reactions or drug interactions.
- Col-immune contains upto 40times 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 CD4 cell count in HIV patients.
- Col-immune significantly decreases the incidence of nonspecific 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, Hayfever.  
100% Natural nutritional supplement providing passive immunity, vitamins, minerals, essential amino and fatty acids.

**Route of administration:** Oral.

**Dosages:**

**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 Vanilla Flavour (Sugar Free).

**Marketed By:**



**EPIONE PHARMACEUTICALS PVT.LTD.**

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