



## World-Wide Naturopathic Health Service

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### **Composition of naturopathic formulations most commonly used in restoration of physiological and neurological profiles in post-vaccination, neurological & developmental problems in children.**

**General Information:** The following are naturopathic formulations most commonly used in restoration of physiological and neurological profiles in post-vaccination, neurological & developmental problems in children. There are other formulations available at the discretion of prescribing naturopathic physician should they be necessary.

All formulations are proprietary and, unless stated differently, are extracts of plants and animal tissues including porcine tissues. All formulations are produced for World-Wide Naturopathic Health Service by FDA certified laboratories according to Good Manufacturing Practices (GMP.)

Individuals objecting to using animal products in their diets should take it into consideration.

**All extracts are complexes and contain all synergists and co-factors.** There is no "active ingredient" by pharmacological standards. All extracts are biologically active and directly bioavailable once ingested. Poor condition of GI tracts may substantially diminish or even eliminate restorative effects of these formulations.

It is highly advisable that treated patients receive physical therapy and other restorative care from local practitioners (logopedic, SI, etc.), particularly at steps three, four and five.

#### **Important definitions:**

**Protomorphogens:** A protomorphogen is a cell secretion given off by all living cells at all times in minute amounts that promotes the synthesis of protein for cell repair and cell maintenance on the outside of the cell wall, after which it is absorbed by the cell. Protomorphogens are chromosome end products, made in the cell nucleus, probably the agents by which the basic functions of the chromosome are exercised. All living proteins carry a protomorphogen component by which the protein is made specific in nature, specific in causing organic reactions, specific in function, specific in its ability to act as an antigen in provoking immune reactions. All antigens may be antigenic by reason of accompanying protomorphogens, in some cases instead of being attached to a protein molecule, the protomorphogen may be attached to a lipid or polysaccharide aggregate. When a protein has been separated from a protomorphogen, it is said to be denatured and is no longer fully capable of antigenic action; that is, cannot create an antibody specific to it in the circumstance of its injection into an animal blood stream.

Since no cell can grow or maintain itself unless it secretes protomorphogens into pericellular fluids, it is obvious that here we have the possible biological growth regulator. Suppose that the immune-body producing mechanism, heretofore looked upon only as a defense against invading organisms (cells) from the outside, were to be found to exert the same controlling action on every organ and cell of the body, we would have the answer to the long-sought questions of why animal organs and living creatures in general were able to regulate their cell growth exactly according to a well-ordered plan.

We find, on investigation, that there is just such a reaction of the immune body producing mechanism (the reticuloendothelial system) and it has been described under the general designation of "Natural Tissue Antibody" (NTA). Per Dr. Royal Lee lectures, Vol 1, p.168



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**Cytosols:** The cytosol or cytoplasmic matrix is the liquid found inside [cells](#). It constitutes most of the [intracellular fluid](#) (ICF). It is separated into compartments by membranes. For example, the [mitochondrial matrix](#) separates the [mitochondrion](#) into many compartments.

In the [eukaryotic cell](#), the cytosol is within the [cell membrane](#) and is part of the [cytoplasm](#), which also comprises the mitochondria, [plastids](#), and other [organelles](#) (but not their internal fluids and structures); the [cell nucleus](#) is separate. The cytosol is thus a liquid matrix around the organelles. In [prokaryotes](#), most of the chemical reactions of [metabolism](#) take place in the cytosol, while a few take place in membranes or in the [periplasmic space](#). In eukaryotes, while many [metabolic pathways](#) still occur in the cytosol, others are contained within organelles.

The cytosol is a complex mixture of substances dissolved in water. Although water forms the large majority of the cytosol, its structure and properties within cells is not well understood. The concentrations of [ions](#) such as [sodium](#) and [potassium](#) are different in the cytosol than in the [extracellular fluid](#); these differences in ion levels are important in processes such as [osmoregulation](#), [cell signaling](#), and the generation of [action potentials](#) in excitable cells such as endocrine, nerve and muscle cells. The cytosol also contains large amounts of [macromolecules](#), which can alter how molecules behave, through [macromolecular crowding](#).

Although it was once thought to be a simple solution of molecules, the cytosol has multiple levels of organization. These include [concentration gradients](#) of small molecules such as [calcium](#), large complexes of [enzymes](#) that act together to carry out [metabolic pathways](#), and [protein complexes](#) such as [proteasomes](#) and [carboxysomes](#) that enclose and separate parts of the cytosol.

Per Wikipedia <https://en.wikipedia.org/wiki/Cytosol>.

† -- Daily value unknown

# -- synthetic or semisynthetic constituent

**Gastrocomplex I** -- Recovery and support of GI tract; 700 mg; Proprietary blend of substances and extracts from: Okra†, montmorillonite†, *Tillandsia usneoides*†, anise (seed)†, bovine liver†, porcine stomach†, choline bitartrate†, alginic acid†, calcium lactate, porcine duodenum†, allantoin†, defatted wheat (germ)†, exsiccated disodium phosphate†#, oat (straw) extract†, para-aminobenzoate†#, and porcine brain†. Other constituents: calcium stearate#, niacinamide#, ascorbic acid#, and pyridoxine hydrochloride#. – Restorative to GI tract

**Aller-X** -- Proprietary Blend: Recovery and support of GI Tract. Adjunct and synergist to Gastrocomplex I. Gluten Digestion. Endo-peptidase, Protease, Exo-peptidase, Probiotic Blend *Saccharomyces boulardii* *Bacillus subtilis* *Lactobacillus acidophilus*, Prebiotic - PreForPro™, Rice Bran, medium chain triglycerides. – Restorative to GI tract, gluten breakdown.

**Methylation Complete** -- Methylation restoration and support. Methylcobalamine, Hydroxycobalamine#, 5-MTHF, 6S-5-methyltetrahydrophilic acid, P5P#.



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**Neurocomplex I** -- Restoration and support of neural and endocrine systems and cognition. 720 mg Proprietary blend of substances and extracts from: *Tillandsia usneoides*†, bovine orchic Cytosol™ extract†, porcine brain PMG™ extract†, bovine spleen†, ovine spleen†, defatted wheat (germ)†, bovine hypothalamus†, bovine anterior pituitary†, bovine liver†, calcium lactate#, para-aminobenzoate†#, bovine pituitary PMG™ extract†, porcine brain†, and ascorbic acid#.

**Neurocomplex II** – Protomorphogen of neural tissues. Cell growth regulator and stimulator. Adjunct and synergist to Neurocomplex I. Must be used in heavily methylated physiology for good results; 300 mg. Extract of minerals, nucleotides, and peptides specific to porcine brain PMG™, † magnesium citrate#, calcium lactate#, calcium stearate#.

**CH Metabolic Complex** – Carbohydrate metabolism. 1040 mg. Proprietary blend of substances and extracts from: Betaine hydrochloride†, bovine pancreas PMG™ extract†, alfalfa (whole plant)†, calcium lactate, dried buckwheat (leaf) juice†, buckwheat (seed)†, dried pea (vine) juice†, oat flour†, pancreatin (3x)†, bovine pancreas Cytosol™ extract†, magnesium citrate#, bovine liver†, bovine spleen Cytosol™ extract†, ammonium chloride†#, carrot (root)†, sweet potato†, dried beet (leaf) juice†, beet (root)†, defatted wheat germ†, soy protein†, potassium bicarbonate†#, pepsin (1:10,000)†, bovine pituitary PMG™ extract†, bovine prostate†, bovine kidney†, enzymatically processed *Tillandsia usneoides* and beet (root)†, inositol†, bovine orchic extract†, L-cysteine hydrochloride†, bovine adrenal Cytosol™ extract†, bovine liver fat extract†, vitamin E (sunflower)†, and flaxseed oil extract†.

**Hepatic Complex** – Liver restoration and support. 650 mg. Proprietary blend of substances and extracts from: Bovine liver PMG™ extract†, Spanish black radish (root)†, bovine liver†, calcium lactate, *Tillandsia usneoides*†, beet (root)†, dried beet (leaf) juice†, oat flour†, betaine hydrochloride†#, magnesium citrate#, carrot (root)†, sweet potato†, choline bitartrate†, soy (bean)†, potassium bicarbonate#, bovine kidney†, bovine prostate†, bovine adrenal Cytosol™ extract†, defatted wheat (germ)†, bovine liver fat extract†, bovine orchic extract†, ascorbic acid#, flaxseed oil extract†, vitamin E (sunflower). .

**Immunoplex** – Restoration and support of immune system. 750 mg. Proprietary blend of substances and extracts from: Bovine thymus Cytosol™ extract†, ribonucleic acid†, bovine bone†, carrot (root)†, nutritional yeast†, defatted wheat (germ)†, bovine adrenal†, sweet potato†, dried alfalfa (whole plant) juice†, oat flour†, alfalfa flour†, bovine kidney†, veal bone†, veal bone PMG™ extract†, mushroom†, dried buckwheat (leaf) juice†, buckwheat (seed)†, rice (bran)†, sunflower lecithin†, vitamin E (sunflower), and carrot oil†.

**V-Plex C, D, B** – Vitamin complexes, natural extracts.

**Nutricomplex – Proprietary Blend: 900 mg** Defatted wheat (germ)†, calcium lactate, carrot (root)†, sweet potato†, nutritional yeast†, bovine adrenal†, bovine liver†, magnesium citrate, bovine spleen†, ovine spleen†, bovine kidney†, dried pea (vine) juice†, dried alfalfa (whole plant) juice†, mushroom†, oat flour†, sunflower lecithin†, and rice (bran)†



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**Parasitex I -- Proprietary Blend: 884 mg** Defatted almond (nut)<sup>†</sup>, fig (fruit)<sup>†</sup>, papain<sup>†</sup>, bromelain<sup>†</sup>, amylase<sup>†</sup>, lipase<sup>†</sup>, and cellulase<sup>†</sup>.

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