

Nucleo-X™

Nucleotides - the building blocks of DNA



Dietary nucleotides have been a well kept nutritional secret for too long. They are essential to the foundation of good health through good nutrition and help support a wide range of biological processes. They are the building blocks of DNA and RNA found in all living cells and play a crucial role in numerous bodily functions, including cell division, immune response, and protein synthesis.

Although the body can synthesise nucleotides, dietary sources can help supplement their availability, especially during periods of rapid growth, stress, or illness.

Ingredients:

Nucleo-X (powder): 5'-ribonucleotides/RNA (concentrated extract from *Saccharomyces cerevisiae*), inositol, maltodextrin (carrier)
Nucleo-X +Zn (capsules): 5'-ribonucleotides (concentrated extract from *Saccharomyces cerevisiae*), Inositol, hydrophilic carrier (maltodextrin), zinc gluconate, anti-caking agents (silicon dioxide, magnesium stearate). Capsule shell: hydroxypropyl methyl cellulose

Key Benefits

- » Supports immune function and recovery from illness or injury
- » Boosts energy production and reduces fatigue
- » Promotes gut health and supports beneficial gut bacteria
- » Enhances brain function and cellular signalling.

Nutritional Information:

Nucleo-X (45g powder):

Serving size: 1 scoop (1 g)	Servings per container: 45	
	per serving	% NRV*
Nucleotides Standardised 5'-Ribonucleotides / RNA from purified yeast extract	530 mg	†
Co-factors Inositol	238 mg	†

Nucleo-X +Zn (60 capsules):

Serving size: 2 capsules	Servings per container: 30	
	per serving	% NRV*
Nucleotides Standardised 5'-Ribonucleotides / from purified yeast extract	500 mg	†
Minerals Zinc (gluconate)	1.5 mg	15%
Other Inositol	187 mg	†

* Nutrient Reference Value. † NRV not yet established.

Intestinal Permeability (Leaky Gut)

Recurrent Infections

Chronic Fatigue

Post-viral Recovery

Paediatric & Adolescent Health

Malabsorption & Nutrient Deficiency

Clinical Application

Our unique, scientifically formulated proprietary nucleotide blend is available exclusively to health professionals. It features a sophisticated combination of purified nucleotides derived from food sources that are readily absorbed in the intestines - distinct from basic yeast RNA products. The formula provides a balanced profile of all five nucleotides, including both pyrimidines and purines, supporting key physiological functions.

To further enhance its effectiveness, the blend includes D-ribose, betaine, and inositol, which help support cellular energy production, methylation pathways, membrane integrity, and cell signalling. The balanced mixture of pyrimidine and purine nucleotides is designed to support immune and digestive health, while the higher concentration of nucleotides allows practitioners to use therapeutic dosing when appropriate. Nucleotides can also be easily incorporated into a wide range of practitioner-guided patient protocols.

Potential Benefits

Nucleotides are needed by all of the cells in the human body during periods of regeneration, growth and repair. Additionally, nucleotides provide a cellular energy source, they mediate cellular signalling, help to regulate certain enzymes, along with a host of other functions. Nucleotides can help to:

- Improve or modulate immune responses and aid in the recovery from illness or injury by supporting the rapid proliferation of immune cells and tissue regeneration
- Improve energy production and metabolic efficiency
- Support the growth of beneficial gut flora and gut lining integrity
- Enhance neurotransmitter function and cellular signalling in the brain

- Regulate homocysteine levels and may support heart function
- Support liver health and detoxification processes
- Enhance muscle energy and reduce fatigue.

Directions for Use

Nucleo-X (powder): Take one full scoop (1 g) daily or as directed by your practitioner. Dilute in water or juice, add to a smoothie or sprinkle onto food.

Nucleo-X +Zn (capsules): Take 2 capsules daily with plenty of fluids.

Allergens & Cautions

- Contains no known allergens
- Suitable for vegetarians & vegans
- Nucleotides are sourced from yeast, however no yeast remains in the finished product.



Combines well with

Sporebiotics, L-Glutamine, Curcumin & Resveratrol