

Nutrition's best kept secret

Nutri-tide[®]NT harnessing nucleotide power



Nucleotides are essential to the foundation of good health through good nutrition and provide the key to many biological processes.

The *Nutri-tide[®]NT* formula is only available directly to health professionals

- Higher concentrations of nucleotides enabling therapeutic dose treatments where deemed appropriate.
- Nucleotides extracted from food sources using non-solvent quality assured techniques.
- *Nutri-tide[®]* nucleotide nutrition delivers a balanced level of all five nucleotides – pyrimidine & purine. A sophisticated proprietary blend of purified nucleotides that are readily absorbed in the intestines, it should not be confused with basic yeast RNA products.
- D-ribose, betaine, and inositol are included to enhance energy, methylation pathways, membrane integrity, and cell signalling.
- *Nutri-tide[®]NT* can be added to any practitioner/patient protocol.

Unique, scientifically blended, proprietary Nucleotide formula: *Nutri-tide[®]NT*

- Balanced mixture of pyrimidine and purine nucleotides to enhance immune and digestive health
- Cater for pyrimidine and purine food deficiencies
- Extracted from food sources and is suitable for vegans, vegetarian, Kosher and Halal diets
- Purified and quality tested to be gluten, yeast, and lactose free

The essential nature of nucleotides

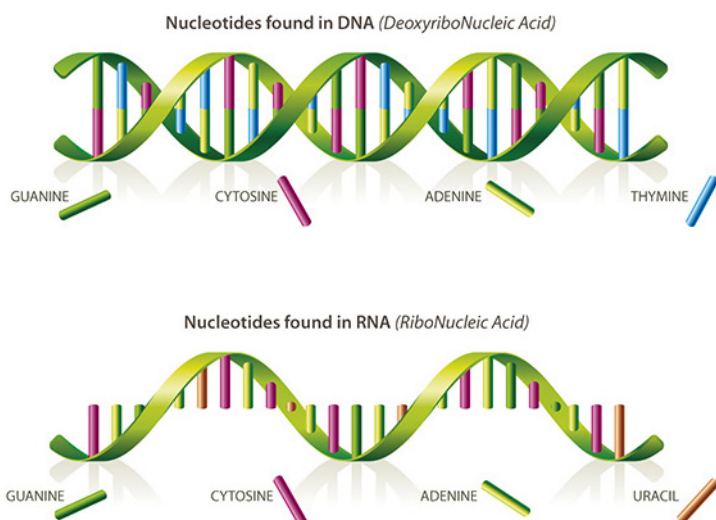
Nucleotides are primordial micro-nutrients and are the key nutrients essential to many biological processes

- Nucleotides are the building blocks that form DNA and RNA.

The 5 essential DNA and RNA nucleotides are:



- Over a billion nucleotides are required to build a human DNA helix.



- Certain cells are dependent on dietary nucleotides for cellular regeneration i.e. DNA replication

Immune function:

Lymphocyte & macrophage cells – their rapid proliferation place a high demand on nucleotides availability.

Energy & Recovery; Oxygenated blood:

Erythrocyte cells – unable to produce their own nucleotides.

Intestinal mucosa growth & repair processes:

Epithelial cells – own-production is too low to cover their needs.

Intestinal flora:

bifidobacteria – unable to produce their own nucleotides.

- Nucleotides supplied through the diets indirectly support other organs and metabolic processes:

Liver function:

Supplementary nucleotides lower the threshold for stress by providing a direct source that bypasses the liver (see High Intensity Sports Stress research).

Protein synthesis:

RNA is essential for the formation of protein. Insufficient dietary intake of certain nucleotides* reduces the ability of the liver to produce protein, and where liver function is impaired then the storing of fat is favoured. *Cytidine, Uridine, and Thymidine – the pyrimidine nucleotides (see Quality of meat animal production research).

Impact of Stress:

The body uses nucleotides to repair DNA damaged by oxidative stress (see Diet induced Oxidative Stress research).

- Nucleotides and their derivatives serve diverse roles in energy metabolism, enzymatic regulations, signal transduction and as structural components of coenzymes.

Nutri-tide® – efficacy of action through double-blind placebo-controlled clinical trials and published research*

- **High intensity stress, immunity, and stress hormone study**

Significant impact on increasing IgA status and reducing build-up of cortisol and lactate in sportsman under high intensity and moderate endurance stress.

- **Cold symptoms study**

Significant impact on earache, sinus pain and return to taste for participants with naturally occurring colds virus.

- **Irritable Bowel Syndrome (IBS) study**

Significant impact on diarrhoea, abdominal pain, urgency and incomplete evacuation for participants with diarrhoea-led IBS.

- **DNA repair (under oxidative stress) study**

Significant impact on the repair of lymphocytes cells damaged by dietary induced oxidative stress.

History of safe use – no adverse effects

- Mother's breast milk and commercial infant formula.
- Consumer food supplements; *Nutri-tide*®NT is a key component of IntestAid®IB and NuCell®IM.

Caters for dietary deficiency

- Changes in dietary habits Modern Western diets result in less nucleotide-dense foods (refer to by Swiss food studies) e.g. offal, bone marrow.
- Overcomes modern "depleters" of nucleotide reserves e.g. stress and poor immune function.

***Reference material available on request** (see contact details on following page)

Educational brochure: Putting you in the picture about nucleotides.

Summary of Research: Published paper abstracts.

Articles Compendium: Published professional magazine articles.

Product information

Product Presentation

- Product code: NTNT45-001
- Security sealed plastic 100ml pot
- Plastic scoop
- Filled with 45g cream coloured water soluble powder

Ingredients

Standardised 5'-Ribonucleotides, Maltodextrin, Inositol, Betaine, D-Ribose, RNA.

Nutritional facts:

per 1g serving (2 x level scoops)

Nucleotides (Standardised 5'-ribonucleotides pyrimidine & purine) / RNA	530 mg
Inositol	138 mg
Betaine	79 mg
D-ribose	10 mg

Recommended daily dosage

1 level scoop delivers 500mg

Each pot has 90 x 500mg scoops providing 45 maintenance servings

Maintenance serving: 2 level scoops per day (1000 mg/day)

Therapeutic serving: 3 level scoops per day (1500 mg/day)

Additional daily servings as directed by the practitioner according to patient stress levels.

Powder is water soluble. Dilute in water* or juice, add to a smoothie or sprinkle onto food.

**Water is cloudy at first, but becomes clear upon stirring or adding warm water.*

Quality tested

None of the products contain ingredients of animal origin.

Suitable for vegetarians and vegans, contains no lactose and is gluten and yeast free

Nutri-tide[®]NT contains both pyrimidine and purine bases and are sourced from yeast, although no yeast remains in the finished product.

Certification

Products are produced & packed in a facility that holds Halal and Kosher certification

Pricing

Delivery inclusive
Payment terms are 30 days from date of delivery.

Minimum Order size:

6 units: Price available on application* (ex VAT)

Higher volume discount

24 units: Price available on application* (ex VAT)

Lead times

Order to dispatch is: up to 14 days
(but usually within 5 days).

Contact details

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