

Product Catalogue Immune System

The immune system is made up of various organs, cells and proteins, which protect the body from harmful foreign bodies that can compromise your health.

The major components of the immune system are cells, proteins and molecules that respond to injury, infection, and barriers including the skin as well as mucous membranes in the lungs, digestive tract, mouth and nose.

At birth you inherit a certain level of immunity. As you grow and are exposed to different pathogens your immune system develops, peaking in your 20's. From this point the immune function gradually declines, falling below the immune levels we inherit at birth when we reach our 40s (for most people).

Generating an immune response is a complex, multi-tiered process which requires considerable energy and resource. The effectiveness and the speed of your immune response changes as you age and can also be affected when your immune system is under pressure (such as exhaustion or stress). Your immune system is also connected to your ability to recover from injuries, which also changes with age.

Imm¹ Defence

Imm¹ has been formulated to support overall immune system health and response.

The immune system is made up of various organs, cells and proteins, which protect the body from harmful foreign bodies that can compromise your health.

Your immune response is made up of the immunity you are born with (innate immunity) and the immunity acquired after exposure to a pathogen (adaptive immunity). When faced with a substance unknown to the body, such as bacteria or viruses, your innate immune system launches a non-specific response. The adaptive immune system creates antibodies that then recognise this pathogen and launch a specific immune response should the body encounter this pathogen in the future.

The ability of our immune response declines as we age and this impacts the speed and effectiveness at which it recognises, fights and removes pathogens from your body. Therefore, it is especially important to support the immune system as we get older.



“The overarching vision of my research is to support the immune system of infants, children and adults. My recent work involves the evidence-based evaluation of natural glycoprotein isolate to support the overall immune system health and response.”

Ingredient Scientist

Dr. Paul Kilgore

Physician, MD – Wayne State University School of Medicine,
MPH – Public Health in Epidemiology, University of Michigan School of Public Health.



Dr. Paul Kilgore, MD, MPH, FACP, is a distinguished physician-epidemiologist with over 27 years of experience in public health research. Dr. Kilgore has been heavily involved in the development of human studies for Natural glycoprotein isolate applications to support overall immune health.

Ingredient highlights

- **Immunoglobulin Y (IgY)** is a natural glycoprotein isolate extracted from chicken egg yolks, by a patented and proprietary manufacturing process
- IgY describes a class of antibody found in chickens that acts in the same way as the antibodies found in the human body. Antibodies play a role in the immune system by recognizing and neutralizing pathogens they encounter in the body
- 20% of the body's energy at resting is consumed by the immune system in our gut preventing pathogens entering the body
- Once swallowed, IgY operates on the surface of the gut, where a significant proportion of our immune regulation occurs, to prevent pathogens passing through the gut wall and into our body. IgY acts as a major support to this process without interfering with the bodies adaptive and innate immune response
- The reduction in pathogen load in the gut by IgY creates significantly more bandwidth for our overall immune system to cope with unexpected immune challenges
- Because tissue repair is a key role of the immune system, IgY increases the level of resources available to speed recovery from injury
- IgY is a safe ingredient that does not induce pathogen resistance

- **Quercefit™** is formulated with Phytosome® technology designed to optimise bioavailability. This highly bioavailable form of quercetin is 20 times more bioavailable than standard quercetin
- Quercefit™ has antioxidant and immune supporting properties, in addition to its synergistic effects when used with zinc. Quercetin is an ionophore, a carrier which helps another molecule (in this case Zinc) to cross through the cell membrane. Zinc works with quercetin to regulate intracellular signalling pathways in innate and adaptive immune cells
- A recent human study led by University of Pavia, Italy, and involving 120 high exposure healthcare workers: Quercefit® supplementation helps maintaining health conditions in 75% people working in a COVID-19 infectious environment
- Quercefit is also clinically shown to help reduce the symptoms of allergies such as hay fever
- Quercefit has been shown to support athletic performance and recovery from injuries and illness
- **Vitamins C, B1 and D3** (as cholecalciferol) work synergistically to support our bodies' natural immune defence mechanisms

Natural glycoprotein isolate

The natural glycoprotein isolate in Imm1 is an egg yolk-based protein that has been studied in over 1300 research papers and is documented for its ability to support the immune system.

Glycoprotein isolate is a natural extract that is purified using a patented isolation process.

The glycoproteins are active in the digestive system, where 70-80% of the immune system is housed^f.

Quercefit™ Quercetin

is an amino acid which supports vasodilation in the circulatory system through the creation of nitric oxide. Nitric Oxide plays a key role in arterial dilation and consequently normal blood pressure management.

Zinc

Cir¹ contains K2-MK-7, which has superior bioavailability compared to other forms of K2. K2 is prevalent in fermented foods which are rare in the Western diet. In the circulatory system K2-MK-7 supports vessel flexibility, cardiac output and normal calcification levels.

Hero ingredients



Key selling points

- Unique formula containing researched ingredients to support a healthy immune response
- The formula contains IgY, a patented and proprietary natural glycoprotein isolate which supports the immune response in the gut to reduce pathogen load and support natural immunity
- The formula contains Quercefit™, a highly available phytosomal form of quercetin

Imm¹ supports:

- Overall immune system health and response
- Normal immune defences
- Healthy recovery times in periods of stress

Formulated for customers

- Who wish to improve or maintain a healthy immune response
- Those who suffer from allergies
- Those who suffer from auto-immune conditions, especially those that cause fatigue
- Travellers, mums with young children, or those with a higher likelihood of exposure to pathogens
- Stressed or immuno-compromised adults who need additional immune support
- Is used by professional athletes looking for a supplement that will enhance performance and speed injury recovery times

Supplement facts

Serving size: 2 capsules | Servings per container: 30

	Per serve	% Daily Value
Natural glycoprotein isolate (from egg)	50mg	†
Quercefit™ (34% quercetin)	250mg	†
Zinc (as zinc gluconate)	15mg	136%
Vitamin D (as cholecalciferol)	15mcg	75%
Vitamin B1 (as thiamine hydrochloride)	1.5mg	125%
Vitamin C (as ascorbic acid)	300mg	333%

†Daily Value not established.

Other ingredients: Microcrystalline cellulose, Magnesium stearate, Colloidal silicon dioxide, Delayed release HPMC vege capsules

Quercefit™ is a trademark of Indena S.p.A., Italy.

Find out more

SRW Laboratories Ltd, PO Box 9748, Newmarket, Auckland 1149
0800 779 522 | orders@srw.co | www.srw.co