

Diabegard™

Polypeptide-k™

A herbal alternative for blood sugar management

***Suitable for Diabetes Type II**

Livvon™ Diabegard™, a healing plant protein extract, regulates blood glucose levels and helps to maintain a healthy pancreas.

PPk™ is a hypoglycaemic protein isolated and extracted from bitter melon (*Momordica charantia*) seeds. It is a patented single-molecule protein with a molecular weight of 180 kD, consisting of 18 essential amino acids with similar sequences to bovine insulin.



DID YOU KNOW?

A hormone called insulin controls the level of glucose in the blood and is secreted by β -cells in the pancreas. Insufficient insulin production or inefficient utilisation of insulin leads to the metabolic disorder called diabetes.

Effective in controlling blood sugar levels

Helps rejuvenate β -cells

The β -cells in the Islets of Langerhans within the pancreas make, store and secrete the polypeptide hormone insulin, a vital blood glucose regulator. PPk™ reactivates the inactive insulin, which in turn lessens the workload of β -cells giving the organ more time to heal and rejuvenate.

Improves insulin receptors

Insulin becomes ineffective when insulin receptors in muscle cells are scarce or do not function properly. It is known as a down-regulated insulin receptor. Thus, glucose remains in the blood, increasing blood glucose levels. This scenario is called “insulin resistance”. When the body resists insulin, glucose is not adequately utilised. PPk™ reverses insulin resistance by increasing the content of glucose transporter proteins present in the plasma membrane of the muscles.

High rate of absorption

Place Diabegard™ under the tongue and let it dissolve. This route enables the release of the active ingredient in a controlled manner through saliva to the buccal, pharyngeal and/or oesophageal mucous membranes, a fast-dispersing dosage form designed to release the active ingredient rapidly in the oral cavity. It is also known as “pre-gastric absorption” which means it passes straight into the systemic circulatory system, avoiding first-pass metabolism in the liver.

Dosage of administration

Blood glucose reading (mmol/L)	Livvon™ Diabegard™
5.5 – 7.0	1 tablet, twice a day
7.1 – 10.0	1 tablet, thrice a day
>10.0	1 tablet, four times a day

PPk™ vs bitter gourd powder

Livvon™Diabegard™	Plain bitter gourd powder (BGP)
Diabegard™ is a single-molecule protein tablet with PPk™, a bioactive compound responsible for regulating glucose levels.	BGP capsules contain all types of molecular compounds with activities that are not necessarily beneficial to human health.
Healing protein extracted from bitter gourd seeds. Available as tablets containing 15 mg of PPk™ active ingredient.	Derived from bitter gourd fruit. Available in 250-500 mg capsules each, from the dried powder of the fruits or seeds or a hybrid of both.
No cross-reaction with any prescription drug. No side effects.	Seed coverings and oil are reported to be toxic. Not advisable to be taken with hypoglycaemic and blood cholesterol-lowering medicines.
Suggested dosage: 4 tablets of 15 mg each = 60 mg/day	General dosage: 250 mg x 2 capsules twice daily = 1000 mg/day.

FAQs

What is Livvon™ Diabegard™ and what are the benefits?

It is a new biotechnological breakthrough that is specially formulated to regulate blood sugar level. It is effective in regulating blood glucose levels and address complications associated with diabetes.

In what form is Diabegard™ PPk™ available and how it is consumed?

It is available in tablet form without any artificial colouring or additives. Leave the tablet to dissolve under the tongue, 10 to 15 minutes before meal.

Will Diabegard™ PPk™ have any cross reaction with any prescribed drug?

No

Product Recognition

- PPk™, the active ingredient in Diabegard™, was formulated by a world-renowned professor of Biochemistry at Yale University.
- PPk™ is a patented single-molecule protein with hypoglycaemic activity. The protein molecule's extraction process and structure have been patented worldwide.
- Received the "Decree of Excellence" from the International Biographical Centre of Cambridge, England.
- Received "The Genius Elite" for remarkable achievements from the American Biographical Institute.