

# Vlidaplit M Tablet

## Composition (per uncoated tablet):

- **Metformin Hydrochloride** – 500 mg
- **Vildagliptin** – 50 mg

## Description:

Vlidaplit M Tablet is an oral antidiabetic combination used in the management of type 2 diabetes mellitus. Metformin is a biguanide that reduces hepatic glucose production and improves insulin sensitivity, while Vildagliptin is a DPP-4 inhibitor that increases incretin hormone activity, enhancing insulin secretion and suppressing glucagon release in a glucose-dependent manner. This dual mechanism provides effective control of both fasting and postprandial blood glucose levels.

## Indications:

- Type 2 Diabetes Mellitus
- For patients inadequately controlled on Metformin or Vildagliptin alone
- Adjunct to diet and exercise to improve glycemic control

## Mechanism of Action:

Metformin decreases glucose production by the liver, increases insulin sensitivity, and enhances peripheral glucose uptake. Vildagliptin inhibits DPP-4 enzyme activity, prolonging the action of incretin hormones (GLP-1 and GIP), leading to improved pancreatic  $\beta$ -cell responsiveness and reduced glucagon levels.

## Dosage and Administration:

- One tablet once or twice daily or as prescribed by the physician
- To be taken with meals to reduce gastrointestinal side effects
- Dosage should be individualized based on clinical response and renal function

## Contraindications:

- Hypersensitivity to Metformin, Vildagliptin, or any excipients
- Renal impairment ( $\text{eGFR} < 30 \text{ mL/min/1.73 m}^2$ )
- Acute or chronic metabolic acidosis, including diabetic ketoacidosis

## Precautions:

- Use with caution in patients with hepatic impairment or cardiac failure
- Monitor renal function before and during treatment
- Risk of lactic acidosis with Metformin, especially in renal or hepatic dysfunction
- Monitor liver enzymes during treatment due to Vildagliptin component

## Side Effects:

- Common: Nausea, diarrhea, headache, dizziness
- Rare: Hypoglycemia (especially with sulfonylureas), liver enzyme elevations, pancreatitis, lactic acidosis (Metformin)

**Storage:**

- Store below 30°C in a dry place
- Protect from light and moisture
- Keep out of reach of children

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

**(An ISO 9001: 2015 Certified Co.)**

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