

Brand Name: D-CAL MV

Composition: Calcium Citrate, vitamin b12 , Calcitrol, vitamin C, folic acid & pyridoxine tablets

Dosage Form: Tablets

Category: Multivitamin & Mineral Supplement / Bone Health Support

Packaging Type: ALU-ALU

Packaging: 3 x 10

Brief Product Introduction:

D-CAL MV is a comprehensive multivitamin and mineral supplement manufactured by **AstraEureka Pharmaceutical**, a trusted **manufacturer of calcium citrate with multivitamin composition**. Each tablet delivers a potent combination of **Calcium Citrate, Calcitriol (active Vitamin D3), Folic Acid, Vitamin B12, Vitamin C, and Vitamin B6**, designed to support bone health, calcium metabolism, and overall nutritional balance. Calcium Citrate provides highly bioavailable calcium, while Calcitriol aids in its absorption. The inclusion of B-complex vitamins supports neurological function and red blood cell production. Folic Acid and B12 are essential in managing anemia and fatigue, while Vitamin C boosts immune function and collagen synthesis. D-CAL MV is ideal for individuals with osteoporosis, chronic calcium or vitamin D deficiency, postmenopausal women, elderly patients, and those recovering from illness or surgery.

Composition:

Each tablet contains:

Calcium Citrate.....	500 mg
Calcitriol.....	0.25 mcg
Vitamin B12.....	2.4 mcg
Folic Acid.....	500 mcg
Vitamin C.....	20 mg
Vitamin B6.....	1 mg
Excipients.....	q.s.

Key Benefits:

1. Supports bone density and calcium absorption
2. Helps prevent osteoporosis and bone loss
3. Enhances neuromuscular and immune function
4. Aids in prevention of megaloblastic anemia
5. Promotes red blood cell production and energy metabolism
6. Suitable for dietary deficiencies and nutritional support

Indications:

1. Calcium and Vitamin D deficiency
2. Osteopenia and osteoporosis
3. Postmenopausal bone support
4. Megaloblastic anemia
5. Nutritional support during recovery
6. Pregnancy and lactation (under supervision)

Directions for Use:

1. Take one tablet daily with meals or as directed by the physician
2. Swallow with water; do not chew or crush
3. Maintain regular intake for optimal benefits

Dosage and Administration:

- **Adults:** One tablet once daily
- Adjust dose as per physician's recommendation based on deficiency and health condition
- Long-term use may be indicated in chronic deficiency or bone-related disorders

Safety Information:

1. Take under medical supervision, especially in renal disorders or hypercalcemia
2. Avoid excessive intake to prevent vitamin overdose
3. Monitor calcium levels during long-term supplementation

Mechanism of Action:

- **Calcium Citrate** provides elemental calcium with superior gastrointestinal absorption. **Calcitriol**, the active form of Vitamin D3, regulates calcium and phosphate balance, ensuring effective bone mineralization.
- **Vitamin B12 and Folic Acid** support DNA synthesis and red blood cell formation, preventing anemia.
- **Vitamin B6** aids protein metabolism and nervous system health, while **Vitamin C** contributes to collagen production and immune support. Together, these nutrients work synergistically to strengthen bones, prevent fatigue, and promote metabolic balance.

Contraindications:

1. Hypersensitivity to any ingredient
2. Hypercalcemia or hypervitaminosis D
3. Severe renal impairment or nephrolithiasis

Side Effects:

1. Mild gastrointestinal discomfort
2. Rare: Nausea, metallic taste, or constipation
3. Prolonged use without monitoring may lead to hypercalcemia

Important Notice:

- Not to be used as a substitute for a balanced diet
- Should be taken consistently for therapeutic benefit
- Discuss with a doctor before use during pregnancy or lactation

Storage Condition:

1. Store below 25°C in a dry, cool place
2. Protect from light and moisture
3. Keep out of reach of children

Packing Information:

- Each strip contains 10 tablets
- Packed in ALU-ALU, 3 x 10 tablets per box