Pharmaceuticals Manufacturer and Exporters in India

## Trip-Mini Kit ®



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Each Kit contains <u>Composition</u>

1 cap of Rifampicin	100 mg
1 Tab of Pyrazinamide	300 mg
1 Tab of INH	50 mg

## <u>Indications</u>

Rifampicin, Ethambutol, Isoniazid, Pyrazinamide and Streptomycin are used in medication and management of Tuberculosis.

## **Description**

Rifampicin inhibits DNA-dependent RNA polymerase in bacterial cells by binding its beta subunit, thus preventing transcription of messenger RNA (mRNA) and subsequent translation to proteins.

Pyrazinamide is a prodrug that stops the growth of Mycobacterium tuberculosis. M. tuberculosis has the enzyme pyrazinamidase which is only active at acidic pH. Pyrazinamidase converts pyrazinamide to the active form, pyrazinoic acid. Pyrazinoic acid inhibits the enzyme fatty acid synthetase I, which is required by the bacterium to synthesise fatty acids.

INH is thought to work through its effects on lipids (fats) and DNA within the tuberculosis bacterium.

Dosage Children : 10-15 mg /kg body wt. daily as single dose.

Presentations 1kit

 Taj Pharmaceuticals Limited, Taj Group Pharmaceuticals Division

 Andheri (w), Maharashtra 4000 53, INDIA
 Www.tajpharmaceuticals.com

 Revised Every Year
 Www.tajgroproducts.com

 6794553d
 www.tajfordoctors.com