

EUDRATEC® COL

Sustained release delivery of drugs to the colon

Boost bioavailability and reduce daily intake

EUDRATEC® COL is a proprietary technology that is based upon a double coating system that provides colon targeted enteric protection in combination with a time-controlled release polymer.

As a specific region in the gastrointestinal tract, the colon provides a suitable environment with less diversity and intensity of digestive enzymes. Proteolytic activity of colon mucosa is also relatively low compared to the small intestine. The colon therefore represents an attractive absorption site for sensitive drugs such as peptides and proteins.

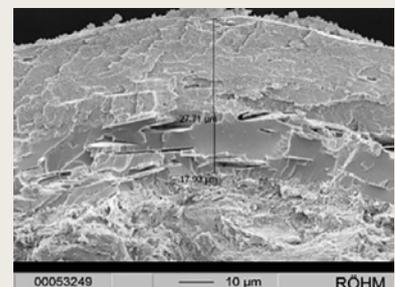
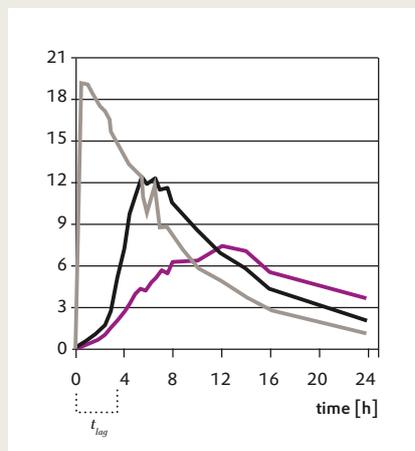
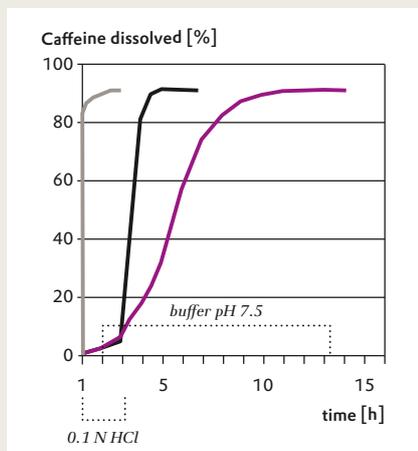
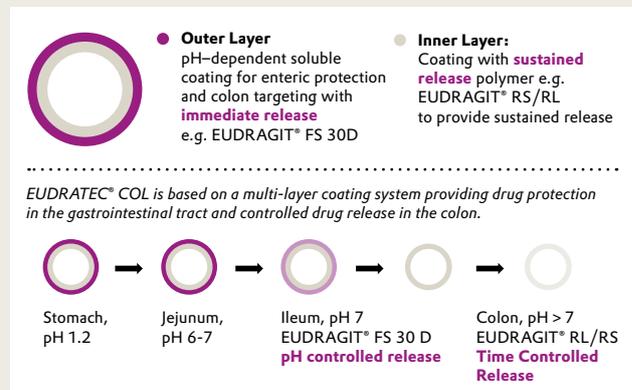
The colon also has a long residence time of up to 5 days and is highly responsive to absorption enhancers, making it highly suitable for the time-controlled delivery of drugs with special therapeutically local effects.

What makes EUDRATEC® COL unique?

EUDRATEC® COL offers a solution to deliver APIs safely through the gastrointestinal tract to the colon and providing sustained release of the drug along the colonic transit. EUDRATEC® COL is a clinically proven and patent protected technology giving pharmaceutical companies a valuable opportunity for the life cycle management of target drug products. The first EUDRATEC® COL product reached the market in 2017. The simple formulation process allows companies to formulate small molecules and biologics using conventional equipment and internationally accepted technologies.

Colon targeting with subsequent controlled release delivery of drugs can have positive clinical implications including:

- Effective drug therapy
- Once daily dosing
- Reduction of total dose
- More constant plasma concentrations



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