

ANATOMY OF THE LARGE INTESTINE WALL

[Cross-Section Illustration Area]

Anatomical Layer	Description & Composition
1. Mucosa Epithelium, Lamina Propria, Muscularis Mucosae	Innermost layer; lacks villi but contains deep crypts (Glands of Lieberkühn). High density of goblet cells for lubrication.
2. Submucosa Meissner's Plexus	Dense irregular connective tissue containing blood vessels, lymphatic vessels, and the submucosal nerve plexus.
3. Muscularis Externa Circular Layer, Teniae Coli	Contains an inner circular muscle layer and an outer longitudinal layer reduced to three bands (teniae coli).
4. Serosa / Adventitia Visceral Peritoneum	Outermost protective layer. Features small, fat-filled pouches known as omental appendices (appendices epiploicae).