



Resistant starch, non-resistant starch Content Assay kit

Resistant starch (RS) is that portion of the starch that cannot be digested and absorbed in the small intestine of healthy human. RS is partially or completely fermented in the colon, producing many short-chain fatty acids, which can inhibit the hyperproliferation of intestinal epithelial cells, reduce intestinal inflammation, and reduce the risk of colon cancer. RS has good physicochemical and functional properties and is widely used in the production and processing of various foods to improve product quality and nutritional structure. RS in the sample is prepared after alpha-amylase and amyloglucosidase hydrolyze non-resistant starch into glucose. RS is also hydrolyzed into glucose. Glucose oxidase catalyzes the oxidation of glucose to gluconic acid and hydrogen peroxide. Peroxidase catalyzes the oxidation of 4-aminoantipyrine bisphenol by hydrogen peroxide to form colored compounds with characteristic absorption peaks at 510 nm.

Catalog No.	250611
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Storage/Stability	-20°C/6 months
Shipping	Gel Packs