

Ionic Bound Pectin Activity Assay kit

Pectin (Pectin) is the main component of the primary cell wall and middle glue layer, which has softening and adhesion effects on cells. Ca^{2+} bridge between pectin and others. Ionic bond, hydrogen bond, glycosidic bond, ester bond and benzene ring coupling are cross-linked, and various forms of pectin can be extracted through different extraction methods, such as Water-Soluble Pectin (WSP), Ion-Bound Pectin (ISP) and Covalently Bound Pectin (CSP). The ion-bound pectin (ISP) is extracted by the acidic extract with a chelating agent, and it is hydrolyzed under acidic conditions to produce galacturonic acid, the latter in sulfur.

The acid solution undergoes condensation reaction with carbazole to form a purple-red compound, and the resulting substance has a maximum absorption peak at 530nm.

Catalog No.	250415
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs