



Polysaccharide Content Assay kit

Polysaccharides are widely found in organisms. They are high-molecular polymers formed by the connection of aldehyde groups and ketone groups through glycosidic bonds. They are one of the four basic substances that constitute life. They have a wide range of functions and have very important and special physiological activities. The kit is used to determine soluble polysaccharides, excluding starch and cellulose. Under the action of concentrated sulfuric acid, the polysaccharide was hydrolyzed into monosaccharides and rapidly dehydrated to form glucaldehyde derivatives, which reacted with phenol to form an orange yellow solution. There was a characteristic absorption peak at 490nm, because the absorbance value was proportional to the glucose content. Therefore, the polysaccharide content of the sample can be determined by measuring the absorbance value at 490nm.

Catalog No.	250616
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs