



Reducing Sugar Content Assay kit

Reducing sugars are widely present in animals, plants, microorganisms and cultured cells. The reducing sugars in plants mainly include glucose, fructose and maltose. They are the most common monosaccharides and disaccharides. Among them, glucose and fructose are not only the main substrates for respiration, but also the substrates for the further synthesis of sucrose, starch and cellulose.

Heating promotes the formation of brown-red amino compounds from 3,5-dinitrosalicylic acid solution and reducing sugar in alkaline solution, with a characteristic absorption peak at 540nm; within a certain concentration range, the content of reducing sugar is proportional to the absorbance at 540nm. Linear relationship, according to the standard curve, you can find the amount of reducing sugar in the sample.

Catalog No.	250023
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs