

D-Xylose Content Assay kit

Xylose is a pentose sugar. Natural D-xylose exists in plants in the form of polysaccharides. Xylose can activate bifidobacteria in the human intestines and promote their growth; bifidobacteria are beneficial bacteria. The more the bacteria, the more beneficial to human health. The consumption of xylose can improve the microbial environment of the human body and improve the body's immune ability. When xylose is absorbed in the upper part of the small intestine, it does not participate in the metabolism of the body, but is excreted through the kidneys. Therefore, the absorption of D-xylose has always been an important function of intestinal malabsorption.

D-xylose is hydrolyzed under strong acid conditions to produce furfural, which can react with phloroglucinol to form a pink compound with a special absorption peak at 554 nm. Based on this, the content of xylose in the sample can be calculated from the absorbance value.

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| Catalog No. | 250439 |
| Size | 50 Assays / 100 Assays |
| Product Category | Enzymatic / Metabolic Assay |
| Detection Method | Visible spectrophotometry |
| Storage/Stability | 2 ~ 8°C/1 year |
| Shipping | Gel Packs |