



alpha-Galactosidase Activity Assay kit

alpha-GAL (EC 3.2.1.22) is widely present in animals, plants, microorganisms and cultured cells. It can specifically catalyze the hydrolysis of alpha-galactosidic bonds and is mainly involved in raffinose, stachyose, and nectarine. Degradation of galactosides such as sugar and galactomannan. alpha-GAL is very important for the germination of plant seeds. In the early stage of seed germination, the D-galactose catalyzed by it is rapidly converted and consumed through glycolysis, providing the initial energy source for seed germination, and it is mainly involved in cell wall storage in the later stage. Hydrolysis of polysaccharides.

alpha-GAL decomposes p-nitrobenzene-alpha-D-galactopyranoside to generate p-nitrophenol, which has a maximum absorption peak at 400nm. alpha-GAL is calculated by measuring the rate of increase in absorbance activity.

Catalog No.	250257
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/1 year
Shipping	Gel Packs