Catalase (CAT) Activity Assay Kit

Description

Micro Catalase Activity Assay Kit provides a simple and easy colorimetric assay for the study of catalase activity in a variety of biological samples such as cell and tissue lysates or biological fluids. This assay kit utilizes the peroxidatic function of catalase for measuring catalase activity, based on the reaction of catalase with methanol, with the presence of an optimal concentration of H2O2. The formaldehyde produced can be measured colorimetrically at OD 540 nm. Therefore, the catalase activity present in the sample is proportional to the signal obtained.samples to the standard curve.

Catalogue No.	0301KTB
Size	96T
Detection range	2-75 ÂµM
Sensitivity	2 ÂµM
Applicable samples	Serum, Plasma, Animal and Plant Tissues, Cells
Kit components	â€¢ Assay Buffer â€¢ Sample Diluent â€¢ Formaldehyde standard (4.25 M) â€¢ Catalase (control) â€¢ Potassium Hydroxide â€¢ Hydrogen Peroxide â€¢ Chromogen â€¢ Potassium Periodate
Features & Benefits	â€¢ Determination of catalase activity in serum, plasma, tissue/cell lysates an â€¢ Determining catalase activity directly by utilizing the peroxidatic function c peroxidases. â€¢ A broad range linearity: 2-75 ÂµM. â€¢ Measure catalase activity down to 2 U/ml

Usage notes	â€¢ If not assayed immediately, samples can be stored at -80Â°C. â€¢ Overheating can inactivate catalse. The enzyme should be kept cold duri â€¢ In general, catalase is very unstable at high dilution. It is recommned to s dilution.
Storage instructions	Storage at -20Â°C and Keep from light immediately upon receipt. Kit has a sto supplied for storage conditions of individual components.
Shipping	Gel pack with blue ice.
Precautions	The product listed herein is for research use only and not intended for diagnos updated, it is best to confirm with the salesman or email us before ordering. T you have any other requirements, please email us, to get you wanted product
Documents	Product manual with the material

Date Created
2024/07/03