

Catalase (CAT) Assay Kit

Catalogue No.: abx294077

Catalase (CAT) Assay Kit is an assay kit for the detection and quantification of Catalase (CAT) activity in serum, plasma and animal tissue homogenates using a fluorescence microplate reader. Catalase can decompose H₂O₂ to generate H₂O and O₂. The residual H₂O₂ in the detection system react with a fluorescent substrate. The concentration of residual H₂O₂ is proportional to the fluorescence intensity at the excitation wavelength of 535 nm and emission wavelength of 587 nm. The catalase activity is inversely proportional to the fluorescence intensity.

Target: Catalase (CAT)

Storage: Shipped at 4°C. Upon receipt, store the kit according to the storage instruction in the kit's manual.

Validity: The validity for this kit is 12 months.

Test Range: 0.01 U/L - 6.51 U/L

Sensitivity: 0.01 U/L

Detection Method: Fluorometric

Assay Data: Quantitative

Sample Type: Serum, plasma and animal tissue homogenates.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.