

Catalase (CAT) Assay Kit

Catalogue No.: abx294001

Catalase Assay Kit for measuring the activity of catalase (CAT) in serum, plasma, tissue homogenates and cell lysates using a spectrophotometer. CAT catalyses the decomposition of hydrogen peroxide (H₂O₂) to water (H₂O) and oxygen (O₂). CAT activity is inhibited by ammonium molybdate. Any remaining H₂O₂ reacts with ammonium molybdate to produce a yellowish complex. The absorbance can be measured at 405 nm to determine the activity.

The 96 tests size requires 100 tubes.

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:	0.27 U/ml - 155.4 U/ml
Sensitivity:	0.27 U/ml
Detection Method:	Colorimetric
Assay Data:	Quantitative
Sample Type:	Serum, plasma, tissue homogenates and cell lysates.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.