



## Acetyl Coenzyme A Carboxylase Activity Assay kit

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ACC catalyzes the carboxylation of acetyl-CoA in organisms to produce malonyl-CoA, which is a key enzyme for the synthesis of fatty acids and many secondary metabolites. To a certain extent, the activity of ACC determines the synthesis speed of fatty acids and the level of oil content.

ACC can catalyze acetyl-CoA,  $\text{NaHCO}_3$  and ATP to generate malonyl-CoA, ATP and inorganic phosphorus. ACC activity can be determined by determining the increase in inorganic phosphorus by the ammonium molybdate phosphorus determination method.

Catalog No.	250041
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	-20°C/1 year
Shipping	Gel Packs