



Acetyl CoA carboxylase Activity Assay kit

Acetyl-CoA carboxylase (ACC) catalyzes the carboxylation of acetyl-CoA to malonyl-CoA *in vivo*, and is a key enzyme in the synthesis of fatty acids and many secondary metabolites. The activity of ACC determines the synthesis speed and oil content of fatty acids to some extent. ACC can catalyze acetyl-CoA, NaHCO_3 and ATP to produce malonyl-CoA, ADP and inorganic phosphorus, and pyruvate kinase and lactate dehydrogenase further catalyze NADH to produce NAD^+ . The activity of ACC can be reflected by determining the NADH decline rate at 340nm.

Catalog No.	250602
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs