

## Pyruvate Decarboxylase (PDC) Activity Assay Kit

**Catalog Number:** AKAS0487

**Price:** [Online Inquiry](#)

Product Information	
Product Name	Pyruvate Decarboxylase (PDC) Activity Assay Kit
Detection Method	Colorimetric method
Instruments	Microplate Reader
Sample Type	Serum, Plasma, Tissue And Cell Samples
Detection Principle	Pyruvate decarboxylase (PDC) mainly exists in yeast and is one of the key enzymes in ethanol fermentation. PDC catalyzes pyruvate decarboxylate to acetaldehyde, which reacts under the action of ethanol dehydrogenase (ADH), and catalyzes NADH to convert into NAD <sup>+</sup> . NADH has a characteristic absorption peak at 340 nm. The PDC activity can be calculated by measuring the OD value at 340 nm.
Assay Time	15 min
Other Reagents	Normal saline (0.9% NaCl)
Storage	-20&deg;C