

CD Pyruvate Quick Test Strips

Catalog Number: AKBA112

Size: 10 tests

Price: [Online Inquiry](#)

Product Information	
Product Name	CD Pyruvate Quick Test Strips
Applications	For rapid, direct determination of pyruvate concentrations in food and beverage samples as well as biological samples. Note: Requires access to pipettes for dilution. We offer pipettes that can be purchased separately: 50 µL Pipettes (Catalog: TP-50), 100 µL Pipettes (Catalog: TP-100), or 400 µL Pipettes. (Catalog: TP-400)
Features	Fast and sensitive. Use of 50, 100, or 400 µL sample. Semi-quantitative measurement between 0-131 mg/L (undiluted) Pyruvate. Convenient. No expensive plate or cuvette readers needed. Sample treatment and assay can be performed in under 15 minutes.
Detection Method	Visual
Sample Type	Wine, beer, biological samples, etc
Species	All
Assay Time	Approximately 15 min
Expiration Date	6 months
Description	<p>PYRUVATE, a key intermediate in cellular metabolic pathways, can be converted to a variety of things such as carbohydrates, fatty acids, and energy depending on the pathway. It can also be converted to alanine and ethanol. In the beverage industry, monitoring levels of pyruvate during alcoholic fermentation can be important for the production of beer, wine, and spirits. Some brewers even add sodium pyruvate to their beer to alter the flavor and give the beer more body. In regard to health, abnormal levels of pyruvate have been linked to various liver diseases and metabolic disorders. CD Pyruvate Test Strips are based on pyruvate oxidase catalyzed oxidation of pyruvate in which peroxidase reduces the formed peroxide and oxidizes a chromogenic reagent. The intensity of the blue product is directly proportional to pyruvate concentration in the sample. Cat#:</p> <p>QQPYR10 Category: Blood & Urine Chemistry, Food & Beverage Analysis, Quick</p>
Shipping Conditions	Shipping: RT
Storage	Storage: RT upon receipt