

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Pyruvate Acid (PA) Colorimetric Assay Kit BYT-ORB1173222

Article Name	Pyruvate Acid (PA) Colorimetric Assay Kit
Biozol Catalog Number	BYT-ORB1173222
Supplier Catalog Number	orb1173222
Alternative Catalog Number	BYT-ORB1173222-48, BYT-ORB1173222-96
Manufacturer	Biorbyt
Category	Kits/Assays
Product Description	The kit provides a method for detecting Pyruvate Acid (PA) concentration in animal tissues, plant tissues, cell cultures, serum, and bacteria. Pyruvic acid reacts with 2,4-dinitrophenylhydrazine to generate a brownish-red product under alkaline condi...
Application Notes	Application Notes: The kit provides a simple method for detecting Pyruvate Acid (PA) concentration in a variety of biological samples such as animal tissues, plant tissues, cell culture: adherent or suspension cells, serum, bacterial. In the assay, Pyruvic acid reacts with 2,4-dinitrophenylhydrazine to generate pyruvate-2,4-dinitrophenylhydrazone, which appears brownish red under alkaline conditions and has a characteristic absorption peak at 520 nm. The Pyruvate Acid (PA) present in the sample is proportional to the signal obtained