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## Product Datasheet

### Pyruvate Acid (PA) Colorimetric Assay Kit BYT-ORB1173222

Artikelname	Pyruvate Acid (PA) Colorimetric Assay Kit
Artikelnummer	BYT-ORB1173222
Hersteller Artikelnummer	orb1173222
Alternativnummer	BYT-ORB1173222-48, BYT-ORB1173222-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Produktbeschreibung	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...
Anwendungsbeschreibung	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