

General Pyruvate Assay Kit | AM587_10001230 assay kit

Pyruvate Microplate Assay Kit

CATALOG # AAA261575	REACTIVITY General	APPLICATIONS Functional Assay
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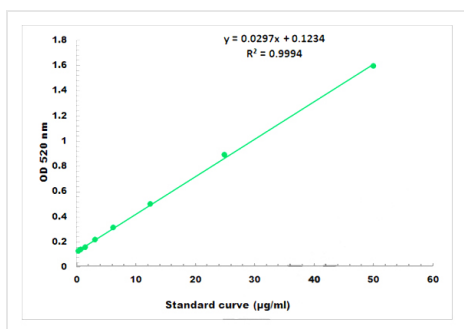
PRODUCT SYNONYMS

Pyruvate; Pyruvate Microplate Assay Kit; Pyruvic acid; alpha-ketopropionic acid; Acetylformic acid; Pyrroacemic acid; Pyr; AM587_10001230 assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	597
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	0.5 ug/ml - 50 ug/ml
Applicable Applications for AM587_10001230 assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AM587_10001230 assay kit	Background: Pyruvate (Pyruvic acid) is an alpha-keto acid that plays a central role in various biochemical pathways. As a product of fermentation, pyruvic acid can be found in large quantities, especially in dark beers. This acid is also found in wine, fruits (e.g. apple) and cheese. The salt form of this acid is the active ingredient in various dietary supplements implicated in the control of body weight. The concentration of pyruvic acid in blood and urine is a useful clinical marker for certain medical conditions. Pyruvic acid can react with 2,4-dinitrophenylhydrazine. The reaction products can be measured at a colorimetric readout at 520 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	970639426
Molecular Weight	65,102 Da
NCBI Official Full Name	Pyruvate

UniProt Protein Name	Pyruvate
UniProt Gene Name	AM587_10001230
UniProt Entry Name	A0A0W8CEF9_PHYNI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/general-assay-kits/pyruvate/261575>